

THE NATIONAL PROVISIONER.

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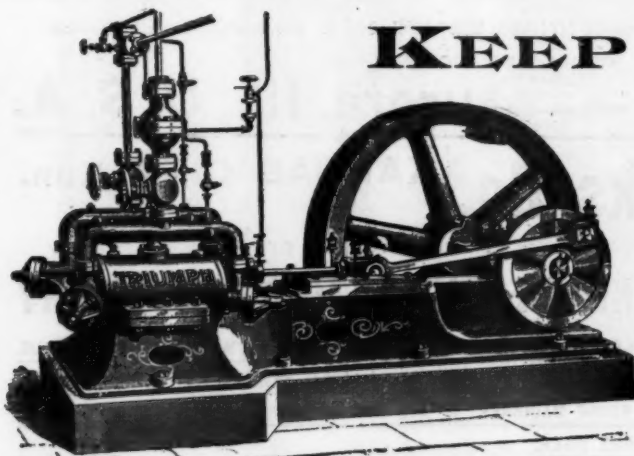
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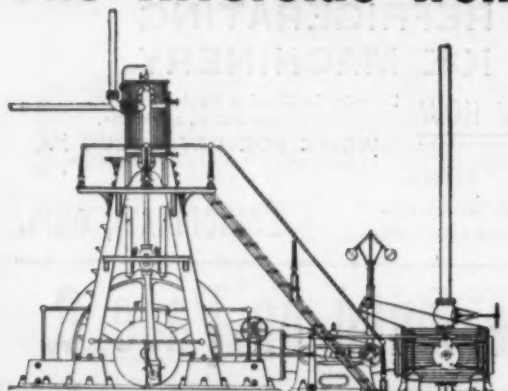
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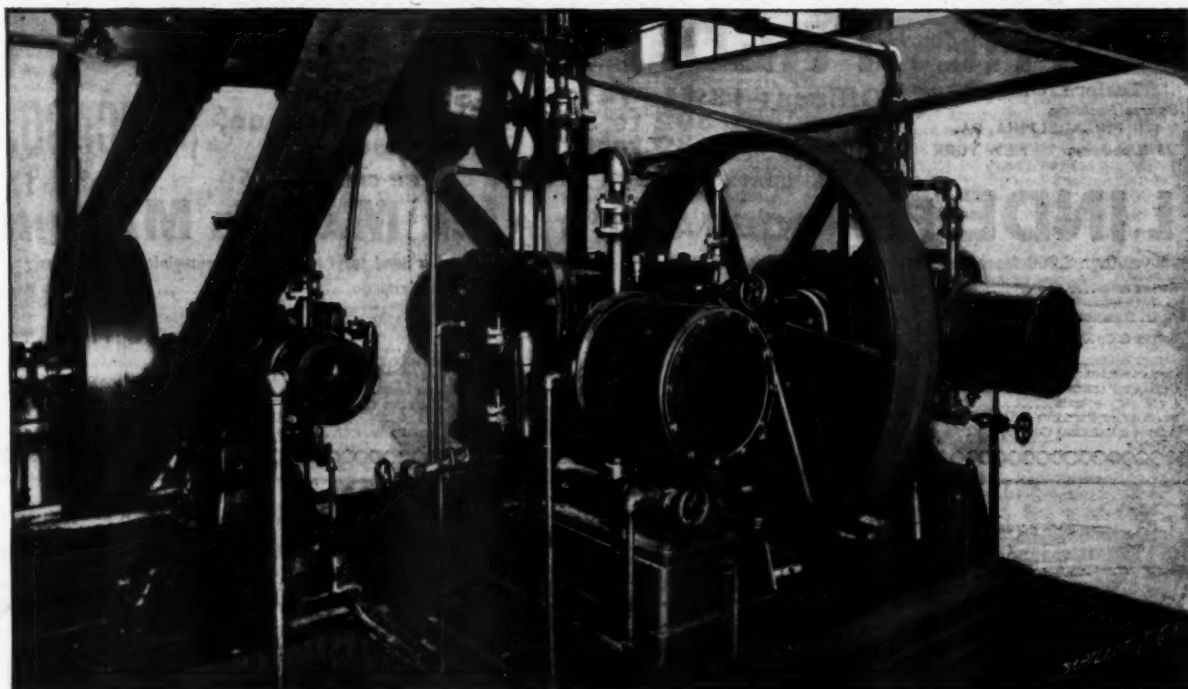
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THE NATIONAL PROVISIONER

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FOR A NATIONAL PACKERS AND PROVISION DEALERS' ASSOCIA- TION.

We have frequently urged the formation of such an association. The packers' and provision dealers' interests in the United States, with which are closely connected the slaughterers, the renderers and brokers in these lines, are probably the only representative in-

dustry sufficiently large to be represented by an association of national importance, that has not a national organization. We are quite sure a large membership could be recruited from every State in the Union, and we are surprised that no such association has been formed heretofore, although the interests of the members of those trades have frequently been assailed in all quarters.

It is true, that whatever action has been taken heretofore, either by one of the States or by the Federal Government, has been directed first against Chicago or Kansas City packers, but it cannot be denied that any interference of the authorities with the packing business, the passage of laws concerning the trade, whether protective or otherwise, must be felt by all packers, slaughterers, renderers, provision dealers and allied interests alike. When it is time for the trade to make itself heard in the halls of Congress, or wherever necessary, the petition of a national association, backed by an organ such as "The National Provisioner," well known and respected in all parts of the civilized world, could not fail to make an impression. With Congress and the different States "hammering away" at oleomargarine, thereby hitting the cattle and hog slaughtering industries, and with foreign governments contemplating the exclusion of American meats and meat products, with Denmark, Australia and the Argentine Republic competing with us in the Continental markets; with packing houses opening up in Austria and Serbia for the purpose of supplying the English market, we think there is reason enough to form an association which will watch all these developments, and which will take measures and precautions to protect the American interests against enemies from abroad and at home. We appeal to the packers and to others interested not to pass this matter by lightly, but to consider it well and to let us know their sense in the matter, and we shall be glad to support them heartily, and will take the first steps for proper organization.

JAMES F. WILSON OF IOWA FOR SECRETARY OF AGRICULTURE.

Late reports received by "The National Provisioner," leave it almost beyond doubt that Mr. McKinley has selected Mr. James Wilson, former Congressman of Iowa, to be a member of his official family, and that this gentleman will be Secretary of Agriculture after March 4 next. We congratulate Mr. McKinley upon this selection, both for the man and for the State which he represents. Mr. Wilson has made an enviable record in Congress, and as for the State which he represented, its agricultural interests are known to be extremely large. For the pork packers and meat trade in general it is of special value that a gentleman should have been selected who comes from the largest hog producing State in the country; one that leads all others by a million or more, from the latest reports. In point of cattle, we all know that Iowa produces the finest specimens obtainable, so that the new Secretary will bring with him, not alone a wide knowledge, but he also comes from a section which deserves representation in this Department before all others. In congratulating Mr. Wilson, we pledge him our most cordial support.

While we are not in politics, we cannot but congratulate the country upon the selection of Mr. Lyman J. Gage of Chicago, to be Secretary of the Treasury in the next Cabinet. All parties unite in saying that he is the right man in the right place, with extraordinary qualifications for this office, and the meat and provision trades can only benefit by this selection.

THE OUTLOOK.

The present cold wave, which is so severely felt in the Northwest, will reduce to an extent the number of cattle and sheep, which were available, and may do some damage to hogs, also. To judge by our late reports, how-

ever, it will not interfere very seriously with the stocks on hand. While, therefore, until the weather moderates, and until the proper shipping facilities can be had, the supplies of cattle and hogs coming to market will be small, and while a slight advance may therefore be predicted, we believe that the supply will be plentiful as soon as the climatic influences cease to interfere and as soon as farmers can readily ship to the markets again without fear of their stock dying from exposure. We still consider the beef and pork products as being very low, and believe that a wider margin between the cost of the live animal and that of the product will be created shortly, and largely in favor of the latter.

OLEOMARGARINE IN CONGRESS.

Never before has such "rot" resounded in the halls of Congress as when Congressman Morse, of Massachusetts, spoke recently on the subject of the so-called "Grout bill." He is reported to have said verbatim: "Every one of us has a personal interest in this matter. I, for one, do not want to butter my bread with soap grease, even if it has been chemically treated." In another part of this memorable speech, he says that "the Board of Health of the Commonwealth of Massachusetts state that a door for the propagation of that awful disease known as 'trichinosis' was thrown open to some extent at least by the manufacture of this product. And why? They explain why. They state that the oil of the hog (sic!) in order to be made into oleomargarine or butterine or any of the other products named here could not be brought up to such a temperature that the disease germs would be destroyed." In another part he says: "If there is anything in that provision that will enable us to suppress, control or restrain the sale of this vile, dirty compound, unfit for human food, I will vote for such a measure every time."

As long as a sane man, be he Congressman or otherwise, will fight an article on its merits solely, and will familiarize himself with the composition of same, and then oppose it on the strength of his knowledge or conviction, so long as the argument and the fight is a just one, but when a man simply villifies an article for the sake of suppressing it, then it becomes the duty of every honest man to take up the cudgel for right and justice. It is just as villainous to call butterine, as now manufactured, "chemically treated soap grease," as it is malignant to say that trichinosis can be propagated either through the use of butterine (oleomargarine) or neutral lard in any shape or form. We have too often stated what the component parts of oleomargarine are, and how they are manufactured. It is well known that only the best parts of the animal and only fresh fat can be used for the purpose. Frequently our readers have inquired from us why we take such an interest in the manufacture of margarine. To those who understand the position of margarine in the meat trade an answer to this question seems to be superfluous; to those who do not know, we would say that margarine or butterine, as composed to-day, is very largely a product of the packing house. The more by-products can be produced from the animal, the cheaper the meat ought to be, and the more the butcher and retailer will benefit. The article of butterine, as now manufactured, is superior to three-fourths of the butter produced in the United States. It is cleaner and more wholesome, and no matter how much members of Congress or others may want to suppress it, either for the purpose of playing to the gallery or of catching the farmer's vote, it will prevail in this country as much as in others. Those Congressmen that try and benefit the farmers by what they call "protecting the dairy interests," are making a very grave mistake in hitting the same farmer by not allowing the products of cattle and hog industries to be sold at their full value and to their fullest extent.

The starting of butterine factories, conducted as they are now, under government control, would put thousands of men to work at once, would enhance the value of cattle and hogs, and would at the same time give to the laboring man a cheap and wholesome substitute for butter. These are points which a fanatic or knave only can fail to see.

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PROVISIONS AND LARD.**WEEKLY REVIEW.****TOO DULL TO ADVANCE OR DECLINE.**

This has been literally true of the markets for hog products the past week, as there has not been business enough to depress or advance prices, beyond a few points, either way. There has not been a new feature in the situation, except by sympathy with the speculation in wheat, in which the longs have liquidated at 10c. loss on large lines carried down from or near the top, some of it bought before the election, in anticipation of a "McKinley boom," and some of it before the new year in anticipation of a January boom, both of which have proved a boomerang to those who bet on them. This heavy liquidation and loss on wheat naturally caused more or less reaction in the other produce markets, and hence depression has prevailed to a greater extent than of late in the speculative trade, from which this feeling of uncertainty as to the future of prices has been communicated to the spot markets, in which less business has been done than in any week since the holidays, especially at the East, while the late activity at the West has generally subsided into a quiet market. Yet the late advance on spot stuff outside of the speculative articles has generally been maintained, and in some cases a slight further advance has occurred in sympathy with the cost of hogs and of production. As implied by the foregoing, receipts of hogs have still been disappointing, and prices have been on the whole firmer West and East, yet this bull influence has had little effect on products, owing to the lack of outside speculation in provisions and to the decline in wheat, as noted above, which broke 3c. in two days, following the publication of the Government report, which, although not particularly bearish, has been awaited by the bulls in hopes that it would be of a bullish character and help them to unload. Its appearance, therefore, was a signal for selling out long lines of wheat, much of which had been carried down from near the top, as noted above. But it

had little or no effect on corn, which, like hogs, has been "going to come" forward in larger volume all winter, but still fails to arrive. This is used as a bear argument in relation to hogs, as it is known there is plenty of corn back, only farmers will not sell it freely at present low prices, and the bears in provisions believe that the same is true of hogs, and that there will be plenty in the "Sweet bye and bye." But this song has been sung until the air is too familiar to have any influence, in spite of the present state of depression in the wheat market with general stagnation in speculation. The situation, therefore, remains wholly unchanged. The supply of hogs is still under expectation, with this difference only, that demand is equally below the late volume and under the promise of early January. Exporters have hardly looked at the market; neither bid nor asked for cable refusals, except mid-week, when they took about 50,000 pounds of bellies in the New York markets; but pork and lard were never duller than they have been so far this week; neither exporters nor refiners having been in the market for anything but the smallest lots, even at declining prices. This change in sentiment is liable to continue until something happens to increase speculation or restore confidence, for Europe shows no sign of wanting any of these products in the near future, notwithstanding we are nearly into February, the month set early in the packing season, when the English markets would begin to buy more freely, and the Continent to anticipate March shipment by buying futures. The late dullness here and easier prices, however, seems to have frightened off the better demand from both sources experienced two weeks ago. As to home consumption, that has been pretty well supplied by the free purchases of the first three weeks in January, for prompt and forward delivery, and the trade now seem inclined to hold off until the market turns stronger or for fear it may go lower in the present condition of the business. There has been no light on the hog question, the same condition having continued as for the greater part of the season. Yet, as noted above, this has had no influence on prices, as the present supply of hogs and products have fully equalled the present slow demand, as there has been no outside speculation for an advance, but rather liquidation by weak holders who are caught on wheat. The shorts, of course, have been the buyers, and the packers have been divided, some selling and some buying, but none of them doing either to any important extent, the trade hav-

ing been light and scattered most of the week.

Beef products have shown steadiness, but have continued quiet at former prices, though in some cases more has been asked, like hams, at \$18, cost and freight New York, against \$17.50 the last sale last week. There is no change in demand or supplies, both being limited and about equal, with little or nothing doing in canned beef or low grades of barrel beef. Spot transactions since our last have hardly been worth mention.

On Saturday last, or late Friday, 500 city pickled hams sold at 8½c., New York; 8,000 pounds 12-lb ribbed bellies, 4½c., loose; 3,000 pounds of 10-lb do, 4½c., with 500 cash lard at 5.20, closing; however, at 4.25 asked, in sympathy with the higher option market in Chicago of 5c. for the day, with ribs 2½c. to 5c. up, and pork 7½ up on 20,000 receipts of hogs in Chicago, instead of 25,000, with a reduced estimate of 195,000 for the week and 43,000 for Monday.

On Monday the Chicago option market was unchanged on pork and 2½ off on lard for the day. The receipts of hogs at Chicago were 3,000 under the estimate. Cash lard in New York was quoted 4.22½ nominal, with small sales of city at 3.75. There was no further sales of anything reported for the day, except the smallest kind of job lots at unchanged prices.

On Tuesday receipts of hogs at Chicago were very light, and 2,000 under the estimate being only 18,000, with 58,000 at the West, against 49,000 a year ago. This is the day that wheat broke 2c. in Chicago, carrying down provisions with it. Nothing was reported in cash lard at New York, 4.17½ to 20 being quoted for Western and 4.70 for city, with nothing done in either, except in peddling lots. Tank lard was offered at 3.90, with little demand. Neither pork nor meats were taken beyond small jobbing lots.

On Wednesday receipts of hogs at Chicago were 26,000, of 1,000 more than the estimates, 66,000 at the West, against 70,000 a year ago, with options down 7½c. on pork for the day, 2½ to 5 on ribs and lard, in sympathy with another cent break in wheat. In New York cash Western was quoted 4.15 nominal and in tanks 3.85 nominal, with only 100 tierces of city reported at 3.65, another 5c. decline; 40,000 pounds of rib bellies were reported at 4½c. for 12 pounds for the English markets. This is all the business, except in jobbing lots that was reported, pork remaining as dull as it has throughout the week, with scarcely a trade reported.

(FOR LATER REPORT SEE PAGE 37.)

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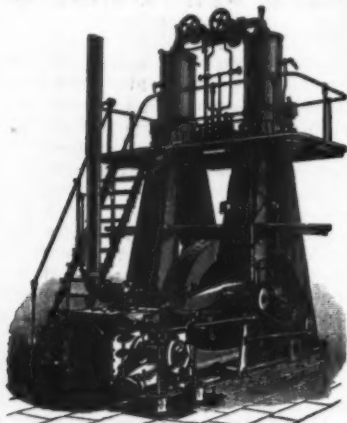
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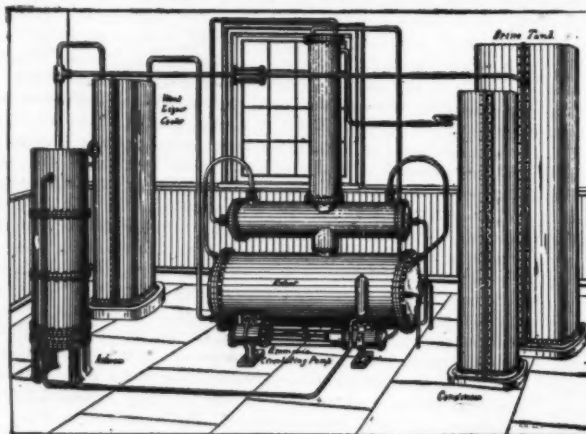
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WANT AND FOR SALE ADS, can be found on PAGE 46.

TALLOW AND STEARINE. WEEKLY REVIEW.

TALLOW has been one of the deadest markets on record in all branches of the trade and at all points this week, with scarcely a transaction reported, except early in the week at Chicago at 3½c. for choice packers' and edible, to local soapmakers, while at New York soap makers have confined their purchases to moderate lots of country tallow at slightly easier prices, without a transaction in city reported to the close of Wednesday, as all melters, but the one not in the market, sold this week's production ahead, and have simply been delivering on old contracts, which will include 200 hhds. on Thursday at the last price, 3½c. This is said to about even up production and sales, outside the chief melter, whose position on the market is still a question of doubt, the trade generally believing that he holds the great bulk of his production for the last three months. This belief has been encouraged by the melter himself, who has given out, through his chief broker, that he has not sold a pound of tallow since October. Yet exporters in position to know, say there must be some mistake in this date. The mystery is therefore unsolved, as to the amount of stock in this melter's hands; but there is a growing belief that it is smaller than the trade has estimated, although the means by which it has been reduced are still in question. One thing, however, is agreed upon, that there is no stock of unsold tallow in New York outside this melter's hands, and he has offered none whatever this week in the open market. London sales on Wednesday were 6d. lower on beef tallow and unchanged on mutton, with half of the 1,500 casks offered sold, and Australian was offered to arrive here in February at 4c. packages free, without bids. This is all the news of business that has transpired up to the close of Wednesday, East or West, while there has not been an exporter in sight of the market on prime, though early in the week there were some bids from Germany on edible, so-called, at ½c. under the price of country stock; but by Wednesday these offers were withdrawn, while France has neither bid nor asked for refusals, and shippers say that she has not yet used up the heavy stocks bought here last fall on speculation, on which the holders have lost their early profits.

STEARINE has been entirely nominal throughout for lard, without home or export demand, except in smallest kind of jobbing lots, though prices have been easier with lard itself. There were some sales recently, however, of yellow grease stearines for export that were not made public, at 3¼@3 5-16c., New York, 100,000 lb each having been taken at those prices. Oleo stearine has been fairly active, though not until midweek, nor until a break in prices to 4½c. Chicago and St. Louis had occurred, at which a good business was done to local refiners or soap makers (dispatches did not say which), indicating accumulations there, compelling concessions to move them. But the supply at New York was

sufficiently reduced last week to enable pressers to maintain the advance then secured, though they have done scarcely anything this week, and are supposed to be delivering their current production on last week's sales.

OILS have scarcely been quoted since our last, except nominally at 40 florins Rotterdam, the last sale reported last week, since when none whatever have been confirmed, though there was a rumor Monday of 41 florins being paid, but that market seems to be in a state of stagnation or suspense, supposed to be for want of stock, and hence steady at last quotations, although this is but a supposition, so far as information can be obtained. Lard oils have been very dull and easy at 40@41c. New York, with neither home nor export demand of any importance, but production is light, in the absence of demand for oils or stearines of any importance. Transactions for the week were nothing whatever, so far as reported at New York, until Tuesday, when 50,000 of outside oleo stearine were sold at 4¾c. to local refiners, with small sales at Chicago at 4¼c.; but there were sales of 1,000 tcs. of choice packers' and edible tallow in Chicago at 3¾c., with little doing in the lower grades or in greases in that market, though at New York sales were made of the latter to the local trade, said to be at the lowest prices on record, though not given.

On Wednesday there were no transactions reported in New York; lard stearine being quoted at 4¼@4½c. for Western and 4¾@4½c. for city without demand, and oleo at 4¾c. But 250,000 lb of oleo were sold in Chicago and 150,000 in St. Louis, supposed to be to compound lard refiners, at 4¾c. in both markets. The sale of yellow grease stearine, noted above were old trades of 100,000 lb each, at 3¼c. and 3 5-16c. in New York for export, but not before reported. There have been sales averaging about 75,000 lb daily of country tallow, so far this week, at 3¼@3½c. for fair to prime, 3¾c. for choice, or so-called edible, but for soap making, while city edible is held 4@4¼c., with no business whatever reported, nor demand, exporters being out of the market.

GREASES.—As noted above, are reported at the lowest price on record for low grades to the local trade, in the absence of export demand, there being an accumulation of the low grades, as is the case with tallow, since the export outlet for these qualities has been closed. Yet, there is a little better inquiry at the decline, from the soap men, as trade in that staple is said to be improving quite materially of late, with a prospect of still further improvement in the near future, although it is not yet shown in the demand from soap makers for raw material.

(FOR LATER REPORT SEE PAGE 37.)

HIDE AND SKIN MARKETS. CHICAGO.

PACKER HIDES.—The large sales made within a week amounting to fully 50,000 hides have not only diminished the stock very materially, and at the same time added strength to the market. Judging from the buyers that took most of the hides that were sold, they do not look for lower prices at present, for in addition to the large sales in the West, New York shows up with sales for the same time aggregating about 25,000, so that the stocks both West and East have been reduced, and the packers and salters correspondingly happy. With natives at 9c., and other grades in proportion, it cannot be said that hides have poorer quality of winter hides warrants. It fallen very much, if any, more than the has been for months a stubborn fight on the part of tanners for lower priced hides, but it must be confessed that the hide men have been able to hold the market very firm, and that in the season when the hides are at their poorest. We quote:

NATIVE STEERS, 60 lb and up, 9@9½c., though the late sales were at 9c., but now the packers ask ½c. more, or at least some of them do, though tanners claim that 9c. is the top, but with large sales the packers feel confident of sustaining prices.

No. 1 BUTT-BRANDED STEERS, 60 lb and up, have sold at 8¼c., and the asking prices are now 8¼@8½c.

No. 1 TEXAS STEERS, 60 lb and up, 8¼c. and 8c. for the light weights, and holders are firm.

No. 1 COLORADO OR SIDE-BRANDED STEERS, 60 lb and up, have sold at 7¼c., but 7½c. is now asked, and for the present the packers are firm.

BRANDED COWS can hardly be quoted, as there are none to offer, but we quote nominally 8¼c., as they would readily bring that figure.

No. 1 NATIVE COWS, 55 lb and up, are firm at 8¼@8½c., with sales at 8¼c.

NATIVE BULLS, 7½c.

BRANDED BULLS, 5¼@6c.

COUNTRY HIDES.—The country hide market is strong, though the receipts are larger, but there are buyers enough to take all that come in. Most of the late sales have been to Western tanners, as the Eastern buyers have kept out of the market on account of prices, but the market remains strong even without the support of the East. We quote:

BUFF HIDES, 40 to 60 lb, free of brands and grubs, 8c., with the No. 2s at 7½c., and sales of several cars were made at these fig-

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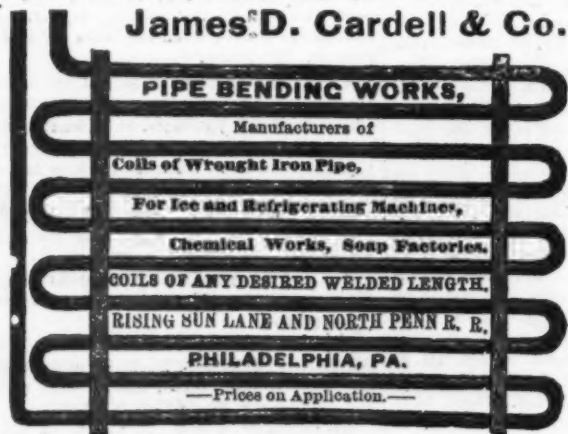
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SEE COUPON PAGE 31.

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ures, and dealers are not offering in advance of receipts.

EXTREME LIGHT HIDES, 25 to 40 lb, are very firm at higher quotations. Sales have been made at 8½¢. for No. 1s, with the No. 2s 7½¢., and dealers refuse to sell more at these quotations.

NATIVE STEERS, 60 lb and up, are steady without change of quotations, 8¼¢., with 7¼¢. for the No. 2s.

SIDE-BRANDED STEERS, 60 lb and up, 6¼¢. flat.

HEAVY COWS, 60 lb and up, are held at 8¢. for the No. 1s, free of brands and grubs, with the No. 2s at 7½¢.

SIDE-BRANDED COWS, 6¼¢. flat.

NATIVE BULLS nominally 6½¢. to 6¾¢., with the No. 2s at 5½¢. to 6¢.

CALFSKINS, 7 to 15 lb, are in small supply, and dealers find no trouble in placing all that come in at 11¢. for No. 1s, with the No. 2s at 9½¢.

KIPS, 15 to 25 lb, meet with good demand at 9¼¢. for No. 1s, with 7½¢. for No. 2s.

DEACONS 40¢., but no late sales.

SLUNKS, 20¢.

HORSE HIDES are held a little higher, though the demand is far from satisfactory. We quote \$2.60@2.75.

NEW YORK.

GREEN SALTED CITY HIDES.—At this time the market is closely sold up. Within a week close to 30,000 hides have been sold in this city, and it would be hard to find many hides ready for immediate delivery. About 20,000 native hides were sold at prices ranging from 8½¢. to 9¢., and one small lot of outside natives at 8¼¢., and at the present time there are orders here for natives at 9½¢., but the orders cannot be filled—the hides not here and the salters won't sell ahead at that price. About 4,000 branded hides were also sold at quotations given below. The market is strong and salters are in a good position, for it is not here alone that the stocks have about all been taken, but in the West as well. We quote:

No. 1 **NATIVE STEERS**, 60 lb and up 8½¢. to 9¢., though as stated, there are orders here at 9½¢. Grubby natives, 7¼¢. to 8¢.

BUTT-BRANDED STEERS, 60 lb and up, 8¢. to 8½¢., with a good deal of strength on the outside quotations.

SIDE-BRANDED STEERS, 60 lb and up, 7¼¢.

COWS, 8¢.

BULLS, 7½¢. to 7¾¢.

COUNTRY COWS, 7¢. to 7½¢. for No. 1s, with 6¢. to 6½¢. for No. 2s.

CALFSKINS.—The market is well cleaned up for both city and country stock, and the receipts are still very small. Country calfskins bring 12¢. to 13¢. selected.

HORSE HIDES.—The market shows but little improvement, and we quote \$2.60@2.75, with very slow trade.

BOSTON.

HIDES.—The demand has been light and the offerings small. Tanners have seemed to believe that prices would go lower, but at the present time it does not look that way. The large sales of packer hides has had a strengthening effect on the country hide market, and instead of lower prices, buff hides are firmer, and sales have been made at 8¼¢. to 8½¢. It now looks as though tanners must get more money for their leather to save themselves from loss, as there is nothing in sight that indicates low priced hides.

NEW ENGLAND HIDES are very firm at 7½¢. to 8¢., and but few offerings.

PHILADELPHIA.

HIDES.—Holders of hides are not pressing their stock on the market, as they are not overloaded, and prices at country points are about as high as in the city, and tanners fight-

ing for lower prices, with very little chance of success. We quote:

CITY STEERS, 8¢. to 8½¢.

COUNTRY STEERS, 7½¢. to 8¢.

CITY COWS, 7¼¢. to 8¢.

BULLS, 6¼¢. to 7¢.

CALFSKINS.—The market is strong and demand fully equal to the supply. All good skins are readily taken.

SHEEPSKINS.—The market is quiet and steady. Country skins bring 60¢. to 65¢.; city skins 65¢. to 70¢.

SUMMARY.

At a time of year when hides are at their poorest, and a given number of pounds of hide will not make the same amount of leather that the same number of pounds would in the summer months—with general business dull and very quiet, we find that the hide market is closely sold up—in fact, so much so that it has seldom been that at this time of year there have been so few hides to offer as at the present time, so that it is not strange that the market, after the very large sales, is very strong. The West has sold largely of late, and the packers now feel very strong in their position, and especially so as it is well known that tanners have only a moderate stock of hides on hand. Take New York; the market has been all sold up to cure and at prices covered by our quotations. We have been criticised since the last issue for quoting prices to high, but for regular city slaughter our quotations have been based on actual sales, and cannot be disputed. There are times when regular city salters have different ideas as to the value of hides, and then again one may have stuck-throats, while the other has cut-throats, so that there is often a difference of ½¢. Take, for instance, in sales made within a week. Natives sold for 9¢., and at the same time natives sold for 8½¢., which, if given out without explanation, seems to be too wide a difference. The 9¢. natives were of the very best hides taken off in New York, while the 8½¢. natives were "outside" cut-throat natives, which sell at all times ½¢. to ¾¢. lower than the best city take off. We have often explained this situation, but deem it best to do so again, as some one seems to have been in the dark, and consequently thought our quotations too high. We believe that "The National Provisioner" can honestly challenge criticism of its market reports, either by comparison with any publication or person. We do not mean by this that there is any infallibility about it, but every

day contact and personal knowledge should give, as we believe it does, the best. It is pleasant, however, to have friends that think we are wrong to say so—it is better for both sides.

CHICAGO PACKER HIDES—

We quote: Native steers, 60 lb and up, 9¢. to 9½¢.; butt-branded steers, 60 lb and up, 8¼¢. to 8½¢.; side-branded steers, 60 lb and up, 7¼¢. to 7½¢.; Texas steers, 60 lb and up, 8¼¢.; Texas steers, 50 to 60 lb, 8¢.; branded cows, 8¼¢.; No. 1 native cows, 55 lb and up, 8¼¢. to 8½¢.; bulls, No. 1, 7¼¢.; bulls, No. 2, 5¾¢. to 6¢.

CHICAGO COUNTRY HIDES—

Butts, 40 to 60 lb; No. 1, 8¢.; butts, 40 to 60 lb, No. 2, 7½¢.; extreme light, 25 to 40 lb, No. 1, 8½¢.; extreme light, 25 to 40 lb, No. 2, 7½¢.; native steers, 60 lb and up, No. 1, 8¼¢.; native steers, 60 lb and up, No. 2, 7¼¢.; side-branded steers, flat, 6¼¢.; heavy cows, 60 lb and up, No. 1, 8¢.; heavy cows, 60 lb and up, No. 2, 7½¢.; side-branded cows, flat, 6¼¢. to 7¢.; bulls, No. 1, 6¼¢. to 6½¢.; bulls, No. 2, 5½¢. to 6¢.; calfskins, No. 1, 11¢.; calfskins, No. 2, 9½¢.; kips, No. 1, 9¼¢.; kips, No. 2, 7¼¢.; deacons, 40¢.; slunks, 20¢.; horse hides, No. 1, 2.60¢. to 2.75¢.; horse sides, No. 2, 1.60¢.

NEW YORK—

Native steers, 8¼¢. to 9¢.; butt-branded steers, 8¢. to 8½¢.; side-branded steers, 7¼¢.; cows, flat, 8¢.; bulls, flat, 7½¢.; country cows, No. 1, 7¢. to 7½¢.; country calfskins, No. 1, per lb, 13¢.; country calfskins, No. 2, per lb, 11¢.; horse hides, 2.60¢. to 2.75¢.

BOSTON—

Buff hides, 8¼¢. to 8½¢.; New England hides, 7¼¢. to 8¢.

PHILADELPHIA—

Country steers, 7½¢. to 8¢.; country cows, 7¢.; country bulls, 6¼¢. to 7¢.

BUSINESS CHANGES.

The capital stock of the Bridgeport (Conn.) Ice Company has been increased to \$20,000.

William H. Gilbert, groceries and meat, of Hartford, Conn., has sold out.

The firm of C. M. Thompson & Co., meat, Willimantic, Conn., has dissolved.

C. Rausch, market, New Haven, Conn., has mortgaged real estate for \$1,000.

Sol. Levy, of Elberton, Ga., dealer in meats, etc., has been succeeded by J. S. Carithers.

E. Christie, of Onawa, Iowa, groceries and meats, has failed.

The William B. Tilgman Fertilizer Co., of Salisbury, Md., is succeeded by Tilgman & Station.



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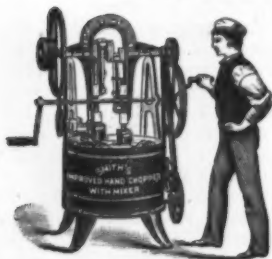
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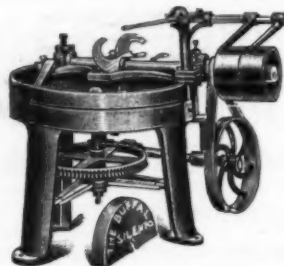
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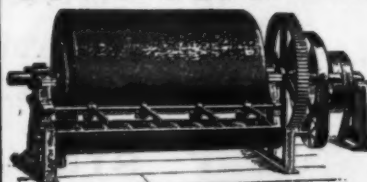
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Want and For Sale Ads can be found on Page 46.

KANSAS CITY LETTER.

Live stock market for past week shows cattle and sheep steady, with hogs higher in value.

Receipts past week as follows and comparisons:

	Cattle.	Hogs.	Sheep.
Kansas City, 1897.	42,128	86,216	13,362
Past week, 1896.	28,480	59,438	11,863
Cor. week, 1896.	26,071	55,774	20,326
Cor. week, 1894.	34,284	44,319	9,571

	Cattle.	Hogs.	Sheep.
Chicago	43,900	210,400	62,700
St. Louis	15,500	43,700	5,100
Omaha	14,400	32,300	9,600
Kansas City	42,100	86,200	13,400

	Cattle.	Hogs.	Sheep.
Total	115,900	372,600	90,800
Cor. week, 1896.	103,700	248,500	74,400
Cor. week, 1895.	103,100	236,100	86,800
Prev. week, 1897.	116,500	351,300	102,700

	Cattle.	Hogs.	Sheep.
Armour Pkg Co.	4,713	38,018	4,341
Swift & Co.	6,195	22,423	2,715
Schwarz, S. Co.	5,943	2,058	1,960
J. Dold Pk. Co.	623	8,373	165
Fowler, Son Co.	159	11,679	..

Total for week, 17,633 82,551 9,181
Previous week, 17,011 67,350 12,942
Cor. week, 1896, 14,403 50,997 7,975
Cor. week, 1895, 14,791 49,436 6,917

A fair supply of good, well-finished cattle on market, still too many of the common to medium. The top price of the week paid by Eastman for 64 head, averaging 1,475 lb at \$5.05. The past week also saw a new departure in shipping. Export cattle, 19 cars, 300 head, weighing 1,400 lb average, shipped to Newport News, Va., for England, purchased by Sam Kraus. It would look as if beef would follow the corn, and Boston and New York had better look to their laurels, as already this young rival is making a shipping record in grain and flour to startle her Northern rivals. A bunch of beef cattle, averaging 1,460 lb, sold at \$4.90; another bunch, 1,451 lb, at \$4.85, a few sales at \$4.80. Some 39 steers purchased here last spring, averaging 900 lb, fed on grass last summer, then for last 90 days fed on corn, tipped the scales last week with 1,525 lb average at \$4.75, showing a pretty fair profit. A goodly number of common and medium cattle, ranging from \$3.60 to \$4.10—prices for such strong early part of week, but declined fully 10c. per 100 lb at close.—Cows and heifers were only in fair supply, and while culling cows a little lower prices on native stock well sustained. Swift purchased some nice heifers, 884 lb average, paying \$3.50. Range cattle in good supply, fed steers of 1,332 lb average, selling at \$4.25; other good bunches \$3.75 and \$3.80, cows, selling up to \$3.20. Stockers and feeders in fair supply, and prices fairly well with a larger supply than usual in the speculator's hands. One good bunch brought \$4.30, the highest price, otherwise \$3.90 and \$3.95. So far this month our receipts of cattle loom up in good proportion, and look now as if we would beat any former January record. Just now Old Mexico is having a boom in cattle buying. A good many Americans are anticipating some kind of a cattle duty the 4th of March, and, therefore, purchasing right and left to get the cattle here before that date. It is reported that already 50,000 head are contracted for in the State of Chihuahua alone, with four large buyers looking around, who have not as yet purchased a hoof. It is reported that in the last two months fully 200,000 feeders have been driven from Texas to Kansas to be fattened on pasture and at corn crib. Some Montana rangers, who went to Texas to purchase, have returned disgusted at prices paid by the Kansas man. We had a large export trade last week, some 270 cattle going to seaboard. Last year, corresponding week, gave 130 cars. The purchasers from outside: Kraus, 1,327 head; Schwarzschild, 1,042;

Eastman, 941; United Dressed Beef Co., 853; Cudahy, 533; Hammond, 482; St. Joseph P. & P. Co., 215; Wolf, 107; Michael, 449; Bolling, 209; Swift, 185, and Kauffman, 241. The feeder trade shipments, the heaviest of any January week in the history of the trade, some 439 cars, against 385 previous week and corresponding week in 1896, only 233 cars. The cattle men are rather blue today, the heavy storms in the North and Northwest, running down even to New Mexico, is pretty hard on cattle. If it continues many days there will be heavy losses to book on range cattle.

Though the receipts of hogs showed a gain of 16,000 over the previous week and 26,000 over corresponding week in 1896, the Kansas City packers fully able to clear the board, helped a little by our Eastern friends who called out for heavy hog. The market for the first few days climbed up steadily, fully a gain of \$10 per 100 lb. When a black Friday to loose 8½c. per 100 lb, then a gain of 2½c. on Saturday. Some Southern hogs, but the quality of the whole fairly up to the standard. The average weight of the third week in January did not keep up with last year. It stood 228, against 242 lb in 1896, but beat the 219 lb of 1895. Mexico helped out the market, and gave a value to the much abused heavy hog, and a bunch of white hogs of 476 lb average brought \$3.45, a pretty large price, indeed. The price of heavy hogs ranged from Monday's value of \$3.20 to \$3.27½ to a value of \$3.30 to \$3.40 on Thursday, then dropped off a five-cent value. Light hogs of 200 lb and therabouts saw on Monday a value of \$3.17½ to \$3.35 developed to a \$3.45 value on Thursday, but met with a 10c. misfortune on Friday. Pigs ranged from \$3 to \$3.25. Medium prime to mixed packing, from \$3.20 to \$3.25, waxed strong to \$3.35 to \$3.40, but toppled down and closed the week at \$3.30 to \$3.40. Tops swayed in value from Monday \$3.35 to \$3.45, but closed Saturday at \$3.40.

Bulk, \$3.25 to \$3.30 Monday up to \$3.35 to \$3.40, then down Friday \$3.22½ to \$3.30, but closed \$3.30 to \$3.35 on half day of Saturday. Armour killed hogs at rate of 10 "grunners" every minute during slaughter hours last week. Shipments of hogs last week, 32 cars to the City of Mexico, 1 car to Monterey, Mex., and 5 cars to New York City; total number shipped 3,191 hogs, and Kansas City packers stopped purchasing because there were no more to glut their greed. The sheep market was not over well supplied, and the shippers had very little trouble in disposing of their stock. Not many fancy native lambs, some 65 lb average at \$4.75, highest price for week. Even some New Mexican lambs sold at \$4.75. Native muttons sold at \$3.75; some Utah yearlings \$3.90, some mixed Utahs at \$3.15; New Mexican muttons at \$3.75. Sheep feeding as an industry of Northern Colorado, grown in large proportion, a total of 120,000 lambs received at Fort Collins alone. It is estimated not less than 200,000 head of lambs being fed for spring market in that section. Uncle Sam was very liberal to the Mexicans, and distributed in an underhand way quite a number of muttons to the El Paso Mexican without money or without price. Some 20,000 head of sheep had been purchased at Chihuahua; some 5,000 arrived at El Paso, passed the Mexican custom house officials, who collected the duty, but then came the first rub, the American inspector would not pass the sheep, nor any part of them. They had the scab, and here came the second rub, the Mexican custom house men would not allow them to go back, nor to refund the duty to owner, and the American would not let them go forward, so, after wiring Washington, back came a death warrant to slaughter the animals. And the Mex-

ican butchers, hired by Uncle Sam, commenced the execution, and soon 5,000 carcasses were piled up in mounds. Then the cry was how to get rid of the animals. Uncle Sam's guardians discretely retired for a little. The hungry Mexicans, like Byron's famous Assyrians, swept down on the fold. That mound quickly vanished, and mutton roast, boiled, raw, sodden and cooked in a score of ways is the order of the day on the Rio Grande.

The heavy sales of the past week was a surprise to the trade. The ups and downs of the packer hide market is like the ways of a pretty woman who does not know her own mind more than a day at a time. Again the cry of higher prices—just now only talked of above the breath, but only waiting a little encouragement to grow loud and bold. And with the late sales of branded stock it is not a matter of surprise to have the packers more confident of better prices. Branded cows sold 8c. head of cure; some of the hides yet on the cattle's back. Butts, 8¼ and Colorado 7¼, and orders at these figures cannot be filled. Texas sold to slaughter by the largest packer at 8¼, lights, 8, and the next largest slaughterer not far behind. Light native cows, an article that tanners are scrambling after just now, with heavy native cows well sold up; native steers the only article that is not showing strength. On the whole, with fully nine-tenths of the tanners protesting and refusing to purchase, and the big ones so anxious to purchase at reasonable figures, with small stocks, the outlook is very encouraging for the packer, and very much so.

N. Y. PRODUCE EXCHANGE NOTES.

Mr. Wm. T. Nash, of Chicago, left for Europe on the steamship Tentonic from New York on Tuesday, for a flying business trip.

Mr. Paul Tiegens, of Schulz & Tiegens, Chicago, arrived in New York on the Puert Bismark on Monday. He reports the outlook for European business as very promising.

W. N. Frankfort, the well known broker in oleo oil, lard, etc., will leave to-night on an extended Western trip. He will visit the principal packing centers in the country as far West as Omaha. He expects to be back by Feb. 20.

Mr. Andrew Irving, formerly representing the N. K. Fairbank Co. in New York City, was a visitor on the floor of the Exchange on Wednesday.

Messrs. Welch & Welch are now installed in their new quarters, 121 Broad street. A slight error crept into our report in reference to this firm last week. Mr. Peter A. Welch was not connected formerly with Messrs. Welch, Holme & Clark Co., but with the firm of Welch, Holme & Clark, which latter concern sold out its interest to the former several years ago.

A large number of members of the New York Produce Exchange, in the form of a theatre party, attended the performance of Ward and Vokes in "A Run on the Bank," at the Murray Hill Theatre on Saturday night. The arrangements for the party were made by William Tilson and Horace Bowne, representing the oat trade; Prince Clagget and Walter Bevan, wheat; Edward Orcutt and J. Davidson, flour, and Charles Schrag, provisions. A number of hits on the peculiarities of various members were interspersed in the play and created much good natured amusement.

Did you forget that we have for sale copies of "Redwood's Theoretical and Practical Ammonia Refrigeration?" One hundred and forty-six pages, bound in cloth. One dollar is the price. This work is of considerable interest and value to artificial ice manufacturers. THE NATIONAL PROVISIONER PUBLISHING COMPANY.

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SEE DESCRIPTION, PAGE 51.



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Correspondence Solicited.

See Coupon on Page 31.

CHICAGO PROVISION MARKET.

The market for the past week has been quiet with a weaker close. The range of prices on May pork has been from \$8.05 to \$7.82½, on May lard from \$4.10 to \$3.95, and on May ribs from \$4.15 to \$3.97½, and the close on Wednesday at nearly the bottom. The severe storm that has raged over the entire country has had a tendency to check the hog receipts, and this would have strengthened the market but for the fact that wheat, corn and oats were all very weak, and that fact coupled with a lack of speculative interest in provisions resulted in lower prices. This very cold weather will probably stop a great deal of feeding, for hogs won't make much of a gain while it is so cold, and if the hogs are in the country, the next few days should show heavy receipts. If they don't come soon we must believe that the cholera has been as severe as the reports have stated. The market is in good shape now for an advance, but to push the quotations up requires buyers, and that at present is what the provision pit lacks. Cash provisions for domestic use very quiet and steady; foreign quotations on long and short clears and Cumberlands are lower and hams 6d. higher. The Chicago stocks of short ribs are small; in fact, much smaller than the figures indicate, for most every broker and commission house has bought quite freely for forward delivery. The stock of cured ribs is very small. Provisions may sell some lower, but more money will be made by buying on a scale down than by selling short. An effort to buy any large amount would probably find the market bare of offerings.

RANGE OF PRICES.**THURSDAY, JANUARY 21.**

	Open.	High.	Low.	Close.
PORK—				
January.....	7.80	7.80	7.80	7.80
May.....	8.02½	8.02½	7.95	7.97½
LARD—				
January.....	3.95	3.95	3.95	3.95
May.....	4.10	4.10	4.07½	4.07½
RIBS—				
January.....	4.07½	4.07½	4.07½	4.07½
May.....	4.15	4.15	4.10	4.12½

FRIDAY, JANUARY 22.

PORK—				
January.....	7.77½	7.77½	7.77½	7.77½
May.....	7.95	7.95	7.90	7.95
LARD—				
January.....	3.90	3.92½	3.90	3.92½
May.....	4.05	4.05	4.00	4.05
RIBS—				
January.....	4.00	4.02½	4.00	4.02½
May.....	4.07½	4.10	4.05	4.10

SATURDAY, JANUARY 23.

PORK—				
January.....	7.87½	7.87½	7.87½	7.87½
May.....	7.97½	8.02½	7.97½	8.00
LARD—				
January.....	3.97½	3.97½	3.97½	3.97½
May.....	4.07½	4.10	4.07½	4.10
RIBS—				
January.....	4.05	4.05	4.05	4.05
May.....	4.10	4.12½	4.10	4.12½

MONDAY, JANUARY 25.

PORK—				
January.....	7.90	7.90	7.90	7.90
May.....	8.05	8.05	7.97½	8.02½
LARD—				
January.....	3.95	3.95	3.95	3.95
May.....	4.07½	4.07½	4.07½	4.07½
RIBS—				
January.....	4.05	4.05	4.05	4.05
May.....	4.12½	4.12½	4.10	4.10

TUESDAY, JANUARY 26.

PORK—				
January.....	7.80	7.80	7.80	7.80
May.....	8.00	8.00	7.92½	7.95
LARD—				
January.....	3.95	3.95	3.87½	3.87½
May.....	4.07½	4.07½	4.00	4.02½
RIBS—				
January.....	4.00	4.00	4.00	4.00
May.....	4.10	4.10	4.05	4.05

WEDNESDAY, JANUARY 27.

PORK—				
January.....	7.75	7.75	7.75	7.75
May.....	7.92½	7.97½	7.82½	7.85
LARD—				
January.....	3.85	3.85	3.85	3.85
May.....	4.00	4.02½	3.95	3.97½
RIBS—				
January.....	3.97½	3.97½	3.97½	3.97½
May.....	4.05	4.07½	3.97½	4.00

(Continued on page 21.)

Established 1867.**L.A. SALOMON & BRO.,****216 Pearl Street, NEW YORK.****IMPORTERS**

OF THE

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OF

**Superfine Bolted****Fullers Earth****for Bleaching and Refining****Lard, Cottonseed and other Animal and Vegetable Oils, Tallow, Greases, etc.****GUM DEXTRINE****(For Labeling on Wood and Tin)****Best German Potato Flour.****Powdered French and Italian Talc.****Superfine Pure Silex (Flint).****Mineral White (called Silex).****Magnesian White (A Soap Dryer).****Sulphate of Barytes,****Calcined Plaster, etc., etc.****Lasalite Preservative Paint,**
Acid and Waterproof.**For Painting of Storage Tanks, Iron Pipes, etc.****Correspondence Solicited.****COTTONSEED OIL.**
WEEKLY REVIEW.

A DULL, DRAGGING, EASY, but not generally lower market, has been the only feature of the past week, both in crude and refined, there having been no especial pressure to sell either at the seaboard or the South, production having fallen off materially, while demand has been limited to a few small dock lots to fill out old contracts for the Mediterranean markets, chiefly Marseilles, to which considerable shipments are still going forward on old contracts, as was the case last week, when 3,000 bbls. were shipped from New York, and 7,000 the week before. In fact, about all that is arriving, averaging about 4,000 bbls. of refined yellow per week, is being thus shipped, though some small lots are going to store. These shipments are said to be mostly on contracts made the latter part of last year, some of which were then reported, but not as much as the shipments going forward so far this month. It is also said that considerable business is being done privately all the time at New York, or direct from the South that is never reported. This would seem to be borne out by the estimated stock in New York of only 25,000 bbls., against 40,000 held by one firm at this port a year ago, and nearly double that amount in the total. This is said to be the lightest stock on record at this season of the year, and to be a fair indication of stocks throughout the country. It is, therefore, plain why the market is so steady and yet so dull, as there is more business doing privately than in the open market, which is so small an affair that dealers keep their transactions to themselves, lest they lose the little trade that is doing. As to crude oil, there has been little offered and little demand for it, refiners reducing their bid since the beginning of the week to 15½c. at nearby Atlantic points, but they were unable to buy any at that until Wednesday, though they bought a little on Saturday last at 16c., between which dates no business was reported. Western refiners and soap makers seem to have been generally out of the market at the South, as the latter are generally out of the market for other soap stocks. In this dull condition of trade, the views of a leading dealer upon the situation of cotton oil, will be of interest to the trade, and we give here-with an interview of the representative of "The National Provisioner" with Mr. C. D. Miller, of Hopkins, Dwight & Company, in substance as follows: "At present prices of oil, 23c. New York for refined yellow, and 20c. for crude, mills cannot pay over \$7 for seed at the South, while it is worth that to the planters themselves for fertilizing their own lands, and they will sell none, except to raise money, and they have plenty of cotton for that. Hence by Feb. 15 the mills on the Atlantic coast will practically be closed, as they will then have used up the seed they

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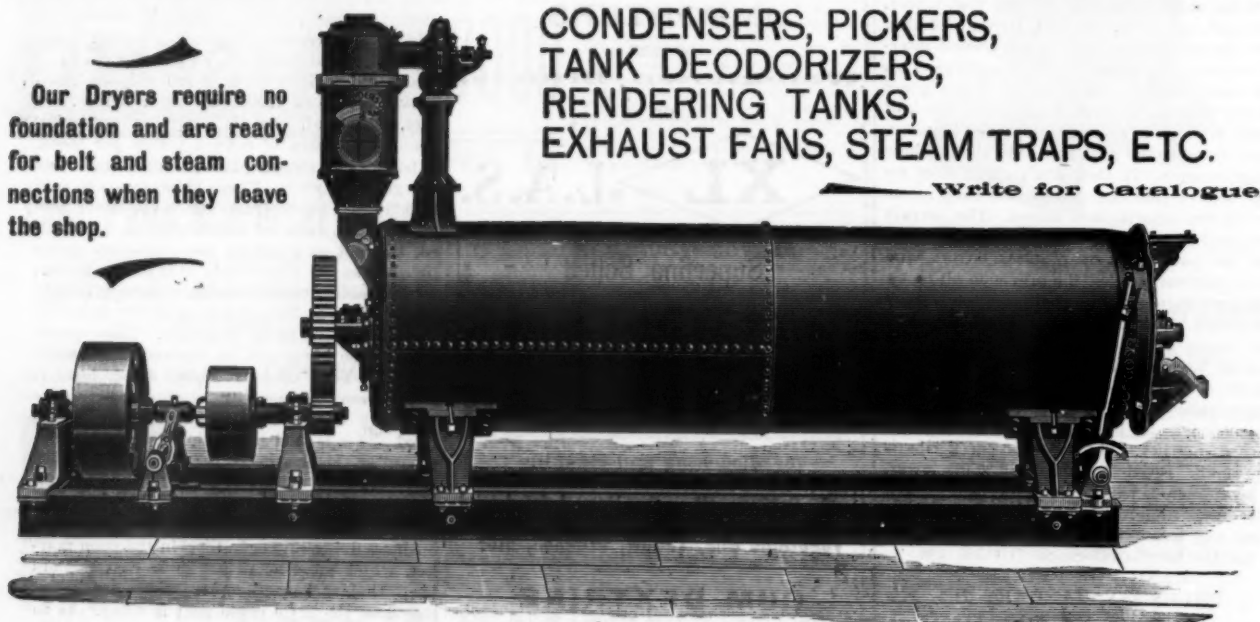
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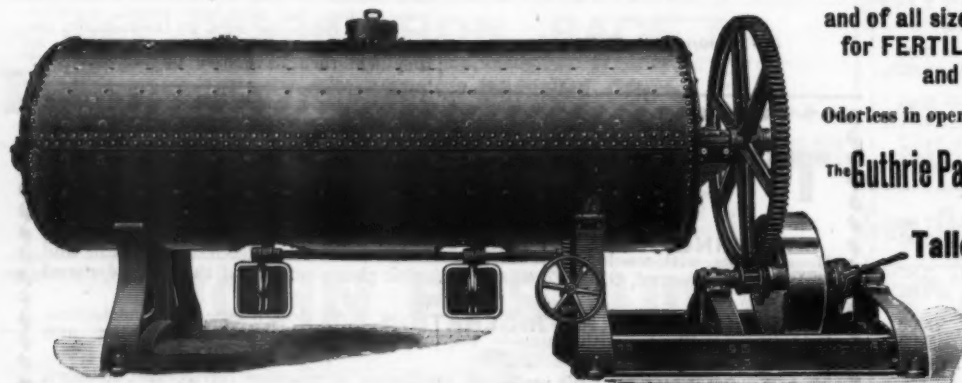
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have on hand. The same has been generally true of the Southwest for some time past, where less seed had been contracted for by the crushers, and where very little oil has been produced of late; while the Mississippi Valley is in about the same condition as the Atlantic coast. At current prices for oil and seed the mills had better shut down and lose their fixed charges even, than to run and hold their oil for a price that will pay them a profit, though we would be very glad to carry it for them. But the prospects of much higher oil are not brilliant, notwithstanding the cost of production is greater than present prices, and production itself light, with prospects of its more or less complete cessation, even with stocks of oil in the United States not over half those of a year ago, and in New York less than one-half, or only about 25,000 bbls. We alone held 40,000 bbls. a year ago in this market, and now have only about 3,000. The supply of oil, present and prospective, is small enough to promise higher prices, were there any prospect of materially increased demand. But lard hangs over the oil market like a wet blanket, and the latter cannot advance much while the former remains near present figures, and there seems little prospect for much higher, while corn continues so plentiful, that nothing but a short crop next year is likely to put it up, cheap as it is. At the same time, demand for oil continues as small as production—only dock lots being taken on new orders, as the bulk of arrivals in New York are going to shippers on old contracts made the latter part of last year, while there is only a small proportion of receipts, so far, going to store. Ocean freights, also, stand in the way of better exports, and do not promise to be much easier, before the last half of February, even if then, for the world's supply of tonnage seems to be well and generally profitably employed, so that there is no idle surplus available. For the commerce of the world is not stagnant, as some seem to suppose, but, on the other hand, active, though prices are so low and the profits so small, the impression has gained that commercial depression is more general than the facts warrant."

Transactions for the week have been as follows:

On Saturday two tanks of crude at near coast mills at 16c.

On Monday 150 bbls. of crude on the dock sold at 20c. New York, and the weekly receipts, averaging about 700 bbls., are said to be taken up on arrival, as they have been for some time past, by the local refiners. On that day, however, the latter reduced their bids for tank oil at the South to 15½c., and bought nothing.

On Tuesday nothing but small lots of refined at 23s., spot, on the dock, were reported, with 23½c. asked for February, and no bids or sales reported of the latter, while tank oil was offered at 16c. quite freely at the nearby Atlantic points; but local refiners were stubborn, and refused to pay over 15½c.

On Wednesday 100 bbls. of crude sold at 20c. New York, and six tanks at near coast mills at 15½c. to New York refiners; 300 refined yellow, spot, dock, at 23c., making 200 bbls. so far for the week reported. There were some small sales of white oil at 27c. for export, but butter oil was nominal at 26½c.

(FOR LATER REPORT SEE PAGE 37.)

COTTON OIL BOOK ON THE PRESS.

Subscribers are notified that the book on "The Manufacture of Cottonseed Oil," the publication of which was delayed on account of the election, is now on the press, and will be published by the end of this month. Subscription price before publication \$2 per copy. On and after Feb. 1 the price will be raised to \$3 (three dollars). THE NATIONAL PROVISIONER PUBLISHING CO., 284 and 286 Pearl street, New York, and 11 Rialto Building, Chicago.

* Mr. William Nash, president of the Springfield (Mass.) Provision Company, died suddenly at his home.

* The Alton Packing Company, of Alton, Ill., held its annual meeting, at which Messrs. Balsar Schiess, Henry Meyers, Albert Sotier, J. E. Hayner and Edward Rodgers were chosen as directors. The following officers were also elected: President, Balsar Schiess; secretary, Wm. Agre; treasurer, J. E. Hayner, and general manager, Henry Meyers.

A merchant who died suddenly left in his bureau a letter to one of his correspondents, which was not sealed. His clerk, seeing it necessary to send the letter, wrote at the bottom: "Since writing the above I have died."

E. H. FERGUSON, President. R. C. WAGGENER, Treasurer. J. J. CAFFREY, Secretary.

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LOUISVILLE, KY., U. S. A.

Refiners of All Grades of

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SUMMER { White 1/3 Oil.
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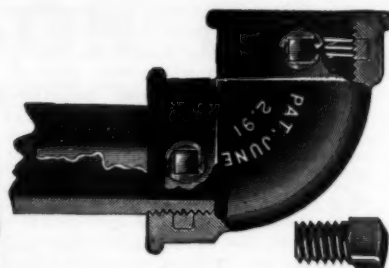
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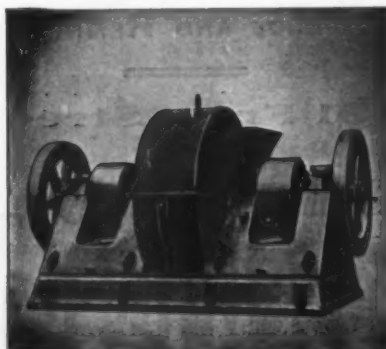
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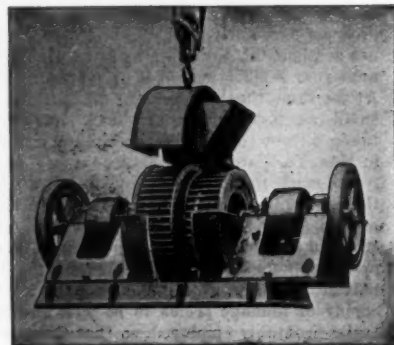
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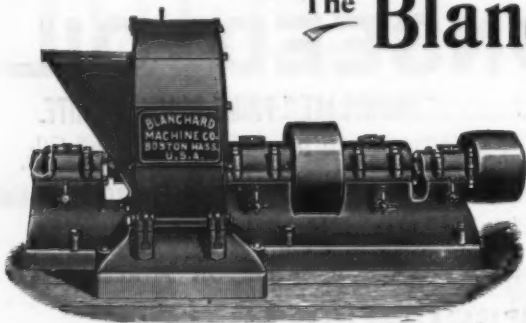
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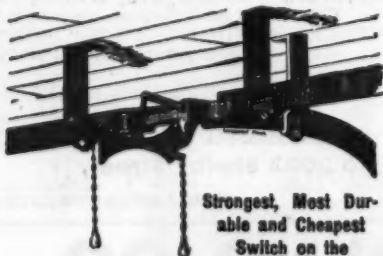
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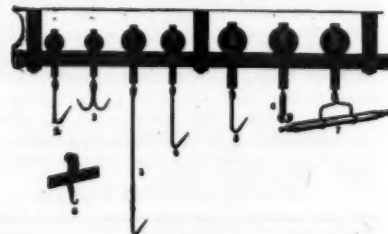


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J. W. MOYER, 2217 NORTH 11th STREET, PHILADELPHIA, PA.

CHICAGO PROVISION MARKET.

(Continued from page 17.)

CASH PROVISIONS.

The demand for cash provisions is not as good as last week and prices slightly lower. There is still a scarcity of light weight ribs, and they could be sold at a good premium. We quote: S. P. hams, 8-10, 9¼; 10-12, 9; 12-14, 8½; 14-16, 8¼; 18-20, 7½; skinned, 18-20, 8¼; S. P. clear bellies, 8-10, 5¼; 10-12, 5¼; green hams, 10-12, 8¾; 12-14, 8; 14-16, 7¾; 18-20, 7; skinned, 18-20, 7¾; S. P. picnics, 5½; 6-8, 5½; 8-10, 5½; 10-12, 5½; 12-14, 5½; 14-16, 4¾; No. 1 pork loins, 6; fresh Boston butts, 4¾; pork trimmings, 3¾.

TIPS ON THE MARKETS.

Provisions have ruled dull, with moderate declines in values. There has been a lack of outside trade with the market, yielding readily to comparatively light buying or selling orders. Stocks will increase considerably this month as usual. Hog receipts have been only moderate, and we believe will continue so.

Prices are so much lower than they were a year ago that it is hard to see where any money can be made on the short side of the market. We believe provisions should be bought at present or lower prices.—J. C.

W. Thomas Nash reports: I can quote the S. P. meat market about as follows: Hams, 10-12 average, 9; 12-14, 8½; 14-16, 8¼; 18-20, 7½; 18-20 skinned hams, 8¼; 5-6 picnics, 5¼; 6-8 picnics, 4¾; 8-10 picnics, 4¾; 10-12 N. Y. shoulders, 4¾. A very good prospect of selling lower in the near future; buyers do not appear desirous to take hold at these prices, and they are all out of proportion and too high for this season of the year, and if buyers will only hold off for a short time packers will be obliged to meet them. There has been some contracts made for future delivery of S. P. meats, but on a much lower basis than packers are asking now. Very little green stuff being offered, as packers are trying to fill up their houses. The grease market is very quiet; nominally as follows: A white 3¼, B white 3¼, good yellow 2½, prime yellow 2½, brown 2¼.

ROTTERDAM OLEO REPORT.

The following sales were cabled for the week ending January 29, 1897:

- Jan. 23. Morris Extra (33/50 tcs.) sold at 39 florins.
- " 23. Monarch (60/ tcs.) sold at 32 florins.
- " 23. Morris Extra sold at 39 florins.
- " 27. Morris Extra sold at 39 florins.

Sales for the week, 2,000 tcs.

Jan. 23, stock in first hands, 2,600 tcs.

Stock afloat, Jan. 23.—Per stmr. Durango from Balto. January 9, due January 23, 1,390 tcs.; per stmr. Amsterdam from New York, January 16, due January 28, 1,771 tcs.; per stmr. Ohio from Balto. January 16, due

W. THOS. NASH,
BROKER.
Provisions, Lard, Grease, Etc.
240 LA SALLE ST.,
CHICAGO.

WM. E. WEBBE & CO.
PROVISION BROKERS
807 ROYAL INSURANCE BUILDING,
CHICAGO.
N. J. WEIL, Manager Cash Provision Department.

January 30, 1,429 tcs.; per stmr. Spaarndam from New York, January 23, due February 4, 1,850 tcs.; per stmr. Obdam from New York, January 23, due February 4, 343 tcs. Total, 6,763 tcs.

Imports into Great Britain for week ending Jan. 16, 1897: 1896—Butter, 70,402 cwt.; margarine, 18,171 cwt. 1897—butter, 70,000 cwt.; margarine, 18,000 cwt.

Exports of Oleo Oil to Rotterdam.

Jan. 23. Per Stmr. Obdam—Eastman, 260.

Jan. 23. Per Stmr. Spaarndam—Eastman, 300; United, 160; Wolff, 60; Hughes Cook, 110; Isaac, 60; Martin, 160; S. & S., 534; Armour, 437.

Jan. 25. Per Stmr. Prodano—Nelson Morris, 540; Swift, 400; St. Louis Union Stock Yards, 75; Cleveland Prov. Co., 60; D. B. Martin, 50; Armour Packing Co., 180; St. Joseph Trans., 60.

Neutral Lard.

Jan. 23. Per Stmr. Spaarndam—Cudahy, 240; Armour, 500.

Jan. 25. Per Stmr. Prodano—Nelson Morris, 180; Swift, 215; International, 65; Boyd Lunham, 250; Friedman, 625; Kingan, 280; Armour, 75.

ANNUAL BALL OF SCANLAN'S EMPLOYEES.

The annual ball of the employees of J. M. & P. Scanlan, New York City, took place Friday evening of last week, as reported briefly last week in these columns, and the affair was a gratifying success, both socially and financially.

It was held in Wendel's Assembly Rooms, at 334-344 West Forty-fourth street, and the attendance was large, the grand march beginning about 11 o'clock. The music was under the direction of Prof. Thos. Ward, and there were few, if any, who could resist the enticing strains of melody. The grand march was led by Floor Manager H. Driscoll and Mrs. Driscoll. Following them came Assistant Floor Managers Michael Baldwin with his wife, and Joseph Kane with Miss Nellie Carroll.

Among those present whom a representative of this paper noticed were Mr. Dennis Driscoll, Miss Edith Driscoll, Mr. and Mrs. M. Greenbaum, Mr. Sam Mayer, Miss B. Woodburn, Mr. J. G. Powell, little Master Driscoll, who was very cute in a full dress suit, and who participated in the grand march like a Terpsichorean veteran; Mr. P. J. Mahoney and wife, Mr. Thomas O'Keefe and wife, Mr. Chris. Edwards, Mr. Chas. Goebel and wife, Mr. James Symons, president of the employees' association, and wife, Misses Amy and Libbie Miller, Miss Kate Strickland, Mr. Michael Conroy, the pride of Eleventh avenue, and Mrs. Conroy; Mr. C. L. Heberd, representing R. O. N. Ford & Son, brokers at the Produce Exchange, and many others. The entire wholesale meat trade of the city was represented, as was also Chicago, Philadelphia and Boston.

The officers of the association are: James Symons, president; Thos. O'Keefe, first vice-president; M. Greenbaum, treasurer; P. J. Mahoney, financial secretary; E. Donovan, corresponding secretary; D. Horrigan, second vice-president; S. Meyer, sergeant-at-arms; R. Murphy, assistant; T. Schwind, recording secretary; J. Donovan, librarian.

The floor director was Mr. Fred Kayser, while the floor committee comprised Messrs. D. W. Driscoll, chairman; John Healy, Martin Murray, P. J. McCarthy, D. J. Driscoll, George Vardell, Patrick Murray. The committee of arrangements comprised Mr. George Riger, chairman; Arthur McNally, Matthew Baldwin, Thomas Murray, Geo. Allen, Jas. Doyle and George Reddy. The reception committee: Chris. Edwards, chairman; I. Rothschild, C. Schooley, Charles Goebel.

Mr. J. G. Powell, as chairman of the press committee, saw that the newspaper boys were well taken care of, and his hospitality and geniality were very refreshing.

RECENT PATENTS AND TRADE MARKS.

575,875—FILTER PRESS PLATE. Horace P. Chamberlain, Buffalo, N. Y. Filed Nov. 5, 1895. Serial No. 567,980. (No model.)

575,952—INSULATOR. Frank Hoover, Paducah, Ky., assignor of two-thirds to William Lundy Bennett and David Gamble Murrell, same place. Filed May 19, 1896. Serial No. 592,237. (No model.)

575,698—HYDRAULIC LIFTING MACHINERY. Robert Carey, London England. Filed March 13, 1895. Serial No. 541,553. (No model.)

575,778—PROCESS OF AND APPARATUS FOR PURIFYING AND FILTERING LIQUIDS. Samuel Gelson, New York, N. Y. Filed Aug. 15, 1895. Serial No. 559,317. (No model.)

575,895—MEAT CUTTER. William Koenen, Cleveland O., assignor to Henry C. Rice, F. Lay and N. C. Sherwood, Fremont, O. Filed May 7, 1895. Serial No. 548,421. (No model.)

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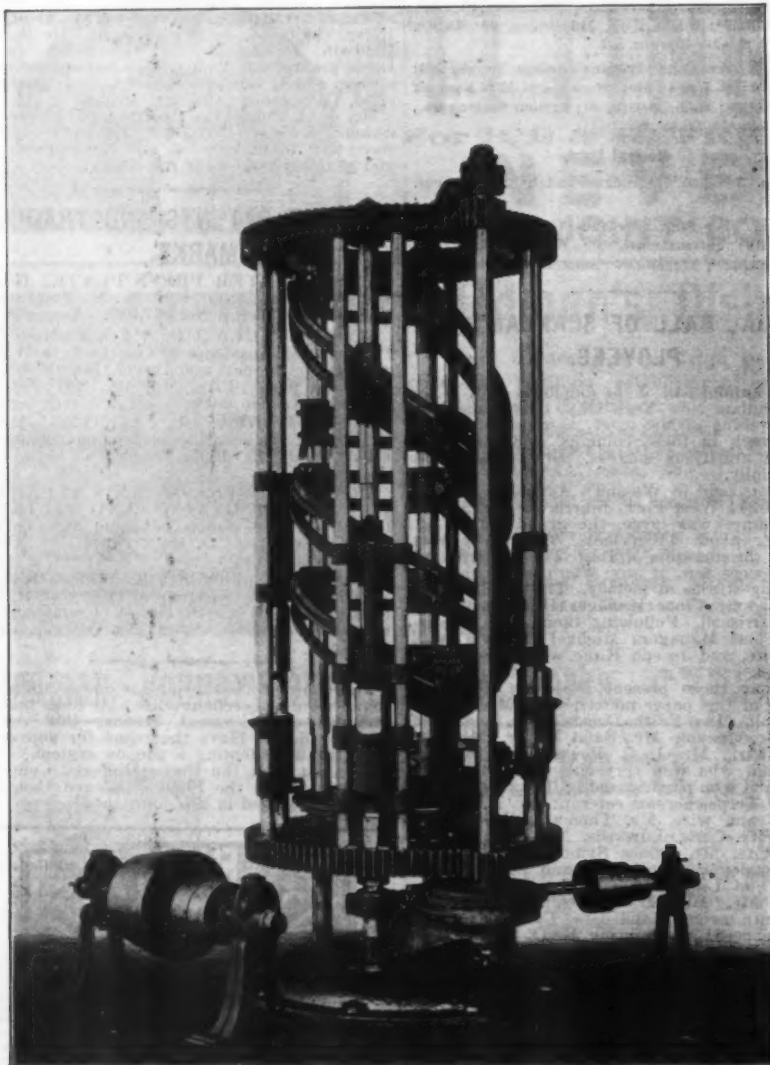
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"ECLIPSE" Silent Meat Cutting Machines

Are conceded by the Trade, both in this
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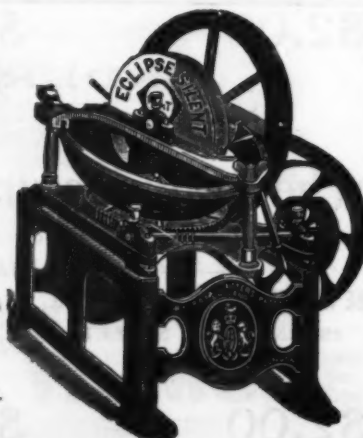
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TECHNICAL. THE PACKING HOUSE.

FOURTH SERIES.

Included in the series of articles on *The Packing House*, the following subjects have been exhaustively treated on the dates indicated:

- Dec. 26, 1896.—"The Manufacture of Sausage Casings and Packing Same."
Jan. 2, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 2.
Jan. 9, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 3.
—"*About Beef Extract.*"
Jan. 16, 1897.—"*On Cutting Meats (Pork.)*"
Jan. 23, 1897.—"*The Necessity of Cleanliness in the Handling of Perishable Products.*"
—"*American Swine.*"

AMERICAN SWINE.

By Robert Jennings, V. S.

No. 2.

POINTS OF A GOOD HOG.

It may not be amiss to group together what is deemed desirable under this head. No one should be led away by mere name in his selection of a hog. It may be called a Berkshire or a Suffolk, or any other breed most in estimation, and yet, in reality, may possess none of this valuable blood. The only sure way to avoid imposition is to make name always secondary to points. If a hog is found possessing such points of form as are calculated to insure only maturity and faculty of taking on flesh, one needs to care but little by what name he is called, since no mere name can bestow value upon an animal deficient in the qualities already indicated.

The term Berkshire—that possessing a dash of the Chinese and Neapolitan varieties—comes, perhaps, nearer to the desired standard than any other.

The chief points which characterize such a hog are the following: In the first place, sufficient depth of carcass and such an elongation of body as will insure a sufficient lateral expansion. The loin and breast should be broad. The breadth of the former denotes good room for the play of the lungs, and, as a consequence, a free and healthy circulation, essential to the thriving or fattening of any animal. The bone should be small, and the joints fine—nothing is more indicative of high breeding than this, and the legs should be no longer than, when fully fat, would just prevent the animal's belly from trailing upon the ground. The leg is the least profitable portion of the hog, and no more of it is required than is absolute necessary for the support of the rest. The feet should be firm and sound, the toes should be well together, and press straightly upon the ground; the claws, also, should be even, upright, healthy.

The form of the head is sometimes deemed of little or no consequence, it being generally, perhaps, supposed that a good hog may have an ugly head; but the head of all animals is one of the very principal points in which pure or impure breeding will be most obviously indicated. A high-bred animal will invariably be found to arrive more speedily at maturity to take flesh more easily, and at an earlier period, and, altogether, to turn out more profitably than one of questionable or impure stock. Such being the case, the head of the hog is a point by no means to be overlooked. The description of head most likely to promise—or, rather, to be the accompaniment of—high breeding, is one not carrying heavy bones, not too flat on the forehead, or possessing a snout too elongated; the snout should be short and the forehead rather convex, curving upward; and the ear, while pendulous, should incline somewhat forward, and at the same time be light and thin. The carriage of the pig should also be noticed. If

this be dull, heavy and dejected, one may reasonably suspect ill health, if not some concealed disorder actually existing, or just about to break forth; and there cannot be a more unfavorable symptom than a hung-down, slouching head. Of course, a fat hog for slaughter has not much sprightliness of deportment.

Color is, likewise, not to be disregarded. These colors are preferable which are characteristic of the most esteemed breeds. If the hair is scant, black is desirable, as denoting connection with the Neapolitan; if too bare of hair, a too intimate alliance with that variety may be apprehended, and a consequent want of hardihood, which—however unimportant, if pork be the object—renders such animals a hazardous speculation for store purposes, on account of their extreme susceptibility of cold, and consequent liability to disease. If white, and not too small, they are valuable as exhibiting connection with the Chinese. If light, or sandy, or red with black marks, the favorite Berkshire is detected; and so on, with reference to every possible variety of hue.

SAUSAGE DEPARTMENT.

STRASSBERG TRUFFLE AND GOOSE LIVER SAUSAGE.

For this sausage, which should be made frequently in small quantities, in order to keep it juicy, make batches of about 10 lb. Use 2 lb white calf's liver, cut into thin slices, broiled a little in hot water, chop up a little; then add 8 lb pork of young, solid hogs from the belly and neck, half fat, half lean, and chop the pork very fine.

Then roast to a light yellow in fresh butter, 4 pieces shetots, rub them fine with a pinch of salt, and add same to the mass.

Then take 5¼ oz. salt, ½ oz. finely ground white pepper, 76 grains best white ginger, 76 grains mace, finely ground.

Mix well with the mass and taste; this sausage, which is regarded as a fashionable delicacy, should not be too sharp.

Then cut 7 oz. nice, red, salted boiled tongues into fine dice, about half-grain size, add 1¼ oz. Perigord truffle in dice about the same size, and mix it to the mass.

When all is well distributed, throw firmly into the stuffing machine and stuff lightly into very wide fresh hog guts. The sausage should not be longer than one foot; if it is made longer there is danger of its being dry and parboiled at the thin ends.

Boil the sausage from three-quarters of an hour to an hour, according to thickness; on being pricked, the fat which exudes should be perfectly clear and white. Boil in clear broth; never boil with blood sausage. When finished, put into cold water which is frequently changed, until sausage is perfectly cold. This procedure keeps the juice nice and white.

FACILITIES OF ARGENTINE.

The Edinburgh (Scotland) Farming World recognizes the formidable stride the Argentine Republic is making, as will be seen by the following from its columns:

The Argentine Republic is one of the most dangerous competitors we have to fear in the matter of beef. During the last eleven months no fewer than 62,851 head of live cattle were sent to this country from there, as compared with 9,131 for the corresponding period two years before, and we get large quantities of carcass beef from the same quarter, though the precise quantity is not shown separately in the monthly returns of the Board of Trade. With excellent soil and an equable climate, that country is likely to prove a formidable competitor, all the more so that great enterprise and liberality are being put forth in improving cattle there.

ANSWERS TO CORRESPONDENTS.

We gladly and as promptly as possible answer all reasonable questions in this column sent to us by our SUBSCRIBERS or ADVERTISERS.

Answers desired by mail should be accompanied by a stamped, addressed envelope.

Persons desiring not to be known as making an inquiry should add a *nom de plume* to their questions. By so doing they will avoid identification in this column. The correct name and address should, however, for the publisher's satisfaction, accompany each request for information.

DEVENTER.—(1) Borax and boracic acid, if properly used, can be said to be harmless to the constitution of man and also to cattle. It depends altogether in what quantities and for what purposes these materials are to be used. It has been found, for instance, that one-quarter of 1 per cent. of boracic acid used in butter was quite sufficient to preserve the butter, and at the same time is entirely harmless. Butter, however, contains frequently as much as 1 per cent. of boracic acid, which is an excessive amount, and an amount which might also prove harmful to the consumers of such butter. One-tenth of 1 per cent. of boracic acid is sufficient to keep milk for a reasonable time. Any excess of that amount is objectionable. For the use of preserving meat, borax and boracic acid are successfully used on a large scale. The amount of borax used should, however, not exceed a reasonable amount, depending upon the distance which the meat has to be shipped, and should not exceed one-eighth of 1 per cent.

(2) There is no difficulty in making cottonseed oil which does not become thick at a temperature of 32° F. The only question is, whether you can afford to pay the extra price which will have to be charged for preparing such an oil. If you will try the advertising columns of "The National Provisioner" you will surely receive a number of offers to supply you with this oil.

BRIGHTON, MASS.—(1) Oleo oil can be made entirely neutral. Whether it is a profitable industrial process is doubtful, for while the acidity may be entirely removed, it is very questionable whether the flavor of the oil is not more objectionable than the small percentage of free fatty acid in the oleo previous to the treatment. The best way to remove the gut flavor from such beef fat is to remove it before the oleo oil is rendered, by careful washing of the fat and carefully separating any undesirable fat. If you will send to our laboratory a sample of the fat in question, we will subject it to the processes promising the best results and will return same to you for a reasonable charge.

(2) Regarding the use of such treated oil for adulteration purposes, we are not in a position to give information.

(3) A study of Benedikt & Lewkowitsch on oils, fats and waxes will help you in the desired direction.

(4) We know of no publication devoted expressly to the subjects you mention, except the Oil and Colormans' Journal, published in London, and the Chemische Revue, über Die Fett-und Harz-Industrie, published by Dr. J. Klimont, Vienna.

L. M., TOPEKA.—The book on the Manufacture and Treatment of Cottonseed Oil is now on the press and will be on the market by Feb. 1. The delay in its publication was unavoidable. You will receive it not later than Feb. 4, and as the information you require will be found in its pages, treated in detail, it will not be necessary to answer same in this column.

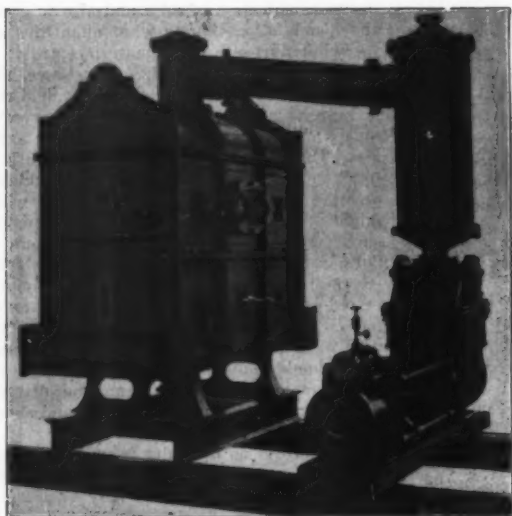
T. R., CHARLESTON.—In our forthcoming issue of Feb. 6 we hope to publish a detailed description of the Pratt & Whitney Co.'s automatic weighing machine, a cut of same appearing simultaneously.

To your second question, we would say yes. It will pay you handsomely to do so. We have no hesitation in commending it.

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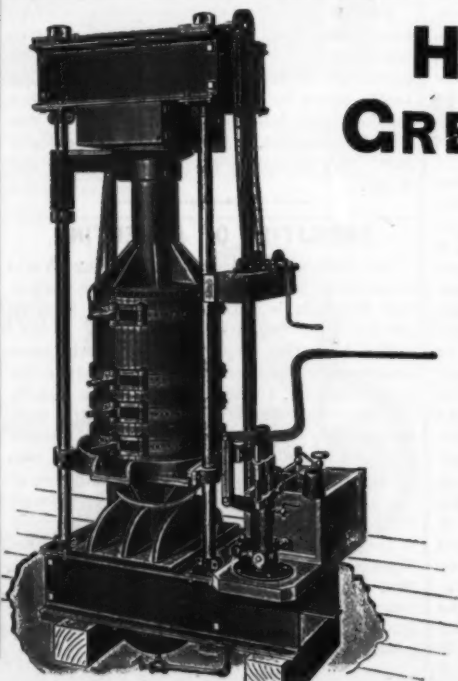
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Manufacture of
Cotton Seed Oil.***NOTICE TO SUBSCRIBERS.**

This book, the publication of which was delayed on account of the elections, is on the press now and will be published by the end of this month. Subscription price before publication, \$2 per copy.

On and after February 1st the price will be raised to three dollars (\$3).

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TECHNICAL.

MANUFACTURE OF GLUE

The following articles on the above subject have appeared in "The National Provisioner" on the dates named:

APRIL 25, 1896—	"	"	" Points on Glue Making."
" "	"	"	" "About Liming of Glue Stock."
MAY 2,	"	"	" "About Glue Stock."
" 9,	"	"	" "Glues for Various Purposes."
" 16,	"	"	" "Waste of Glue Material."
" 23,	"	"	" "Points About the Water for Glue Factories."
" 30,	"	"	" "About Nettings for Drying Glues."
JUNE 6,	"	"	" "About Coloring Glue."
" 13,	"	"	" "Clarifying Glues."
" 20,	"	"	" "Glue in Coolers."
" 27,	"	"	" "About Drying of Glue."
JULY 4,	"	"	" "About Bone Glue."
" 11,	"	"	" "About Raw Material for Making Gelatine."
" 18,	"	"	" "The Leaching of Hard Bones and Horn Piths."
" 25,	"	"	" "How to Economize Acid for the Manufacture of Gelatine."
AUG. 1,	"	"	" "Cooking of Gelatine."
" 8,	"	"	" "Utilization of By-Products from the Manufacture of Gelatine."
" 22,	"	"	" "The Temperature for Cooking Glue."
" 29,	"	"	" "About Isinglass."
Sept. 12,	"	"	" "The Bleaching of Glue."
" 19,	"	"	" "Preservatives for Glue."
" 26,	"	"	" "About the Foaming of Glue."
OCT. 3,	"	"	" "How to Make Sweet Glues."
" 10,	"	"	" "About New Glue Tests."
" 17,	"	"	" "Recent Improvements and Inventions in the Manufacture of Glue."
" 31,	"	"	" "About the Cracking of Glued Joints."
NOV. 7,	"	"	" "About the Cutting of Glue."
" 21,	"	"	" "About Hair from Glue Making."
Dec. 5,	"	"	" "Utilization of By-Products in the Manufacture of Glue."
" 12,	"	"	" "The Evaporation of Glue in Vacuum Pans."
" 19,	"	"	" "The Use of Vacuum Pans for the Concentration of Glue Liquor."
" 26,	"	"	" "About Evaporators."
JAN. 2,	"	"	" "About Evaporators," No. 2.
" 16,	"	"	" "About Evaporators," No. 3.

ABOUT EVAPORATORS.

(Continued.)

No. 4.

In our last article on evaporators, issue of Jan. 16, an error crept in, which is hereby rectified: The fifth, sixth and seventh lines of second column should read, transform into steam (of 212° F.) one pound of water of 212° F. (instead of 32° F.)

Of the great variety of vacuum pans invented, recommended and used in practice the greater number has only historical interest; we will consider only a few of the more pronounced types, more for curiosity's sake than anything else. Occasionally second-hand evaporators of this class are offered at low figures on the market. As a rule, it can, however, be stated that such evaporators are dear at any price; to build or buy new evaporators of this class is little short of folly.

The old style vacuum pan, usually of more or less spherical shape, though occasionally in form of a vertical or a horizontal cylinder, was ordinarily heated by steam coils, placed in form of spirals in the vacuum pan proper. These coils have great disadvantages; they are frequently so long that the steam is completely condensed before it reaches the end of the coil; the result is that the heating surface is not utilized to best advantage. These coils, whether solidly connected to the pan or not, invariably show a marked tendency to shake and jar, and finally to spring leaks, especially if the liquids are concentrated to a high density. The repairs on such pipe coils are extremely laborious, necessitating frequently the removal of the larger portion of these pipes to permit the leaky pipes to be reached for repairs. These old style vacuum pans

have largely given way to improvements, or to what was thought to be improvements. Instead of the pipe coil, two crown sheets are placed in the pan, and these crown sheets connected by vertical tubes of 2 to 3 inch diameter, from 2 to 5 feet long. The heating steam is allowed to enter the space between the crown sheets, surrounding the vertical tubes. This arrangement is not so liable to jar and spring leaks, but if this does occur the repairs are difficult to make. This latter type of evaporator, known as standard vacuum pans, have, with the ordinary vacuum pan, the decided disadvantage that the liquor column in the evaporators must necessarily be relatively high. From 3 to 6 feet liquor is carried in such evaporators, with the result that the boiling point is considerably raised—as shown in a previous article—and that the evolution is frequently very violent, causing mechanical entrainment, i. e., loss of material by the carrying off of solid or liquid particles with the vapors; these particles going with the vapors into the condensers, being there mixed with the cooling water and consequently lost for the purposes for which the liquor is evaporated. This loss through mechanical entrainment can assume very large proportions. It has been demonstrated, especially in the sugar industry, that this loss in some refineries and plantations, has actually reached 20 per cent. and even more. In other industries the loss by entrainment has even been higher; we have a few cases in view where actual tests and the general results proved the loss by entrainment to be nearly 50 per cent. of the material. Manufacturers of vacuum pans have endeavored to diminish the entrainment by making the pipes carrying off the vapors of very large diameter, hoping that by a reduction of the velocity of the vapors in these pipes the liquid particles would have an opportunity to fall back into the pan proper; however, there is little chance for the liquid particles to do this after they have once reached the vapor pipes. This will be evident when it is considered that in a vacuum pan evaporating 2,000 gallons water per hour the rate of travel of the water in a 24-inch vapor pipe is 300 feet per second.

To overcome this entrainment several devices in the shape of catch alls, baffle plates, overflows or separators are occasionally used in improperly constructed vacuum evaporators, and occasionally with the result of reducing the entrainment; but this fact alone is evidence of very faulty construction, and it always remains a matter of doubt of how much of the loss is saved in this manner. All separators or catch alls depend for their action on either having the vapor pursue a tortuous course or impinging on surfaces so as to obstruct the passage of the vapor, and in this way the frictional resistance to the passage of the vapor is enormously increased, which cannot but produce increased pressure or lower vacuum. The separation of the liquor and vapor should take place in the vacuum pan at the surface of the liquid.

THE SUCCESSFUL MAN.

The man who, nine times out of ten, makes a success of his advertising is the one who puts into it a large share of his personal interest and enthusiasm. He may relegate the preparation of his matter to others, but his interest in the success of their efforts never fails. He is a pleasant man to deal with. He bubbles over with delight when he gets hold of a new and attractive idea. He pays his bills cheerfully and doesn't quarrel about prices.—Ex.

Orator—My friends, what is the price of liberty?

Binthere—Three to ten dollars, according to the judge.

SOAP MAKING.

No. 28.

THE CHANGE IN COLOR OF SOAPS CONTAINING
INDIGO EXTRACT.

Indigo extract is commonly added to soaps, especially soft soaps, to give them tint, "this tint being natural to hempseed oil, and, therefore, artificially imitated in other cases." It having been found that the green tint is not permanent, but that both soft and hard soaps so treated gradually lose the color from the surface inward, experiments to determine the cause of the change have been made.

It was found that soft soap tinted with neutral extract of indigo lost its color equally well in light and darkness. Exposed in a tube open at both ends, the color disappeared at the same rate from each surface. The color, therefore, did not subside, but was destroyed by the action of the air. No substance could be extracted by ether from the untinted soap which would discharge the blue color of the indigo extract solution.

Passing on to the oils employed in making the soap, viz., cottonseed, linseed and olive—each was found capable of discharging the blue color of the extract by shaking with it, and distilled water used for washing the cottonseed oil, and then filtered through a dry filter, had the same effect.

Substituting powdered commercial indigo for the extract solution, each of the oils named dissolved some of the color on warming on a water-bath, forming blue and yellow-green solutions. On exposure to air the indigo was gradually bleached, and more quickly on warming. The fatty acids from the soap acted in the same way as the oils.

Solutions of the indigo in phenol and turpentine were tried for comparison. The phenol solution was unchanged on exposure to air and warming and shaking with water, while the turpentine solution was gradually decolorized. Turpentine is known to oxidation of the indigo. Probably soaps and oils act similarly, the color being destroyed by oxidation, and not by reduction.

Pure indigotin gave a greenish purple solution at 115° C. in cottonseed oil. The color was discharged even when sealed up in a tube, after bubbling dry hydrogen through it for fifteen minutes.

Further proof that oxygen was concerned in the change was shown by heating similar solutions to the above with oxygen and air respectively, the pure oxygen bleaching the indigo more quickly than the air.

It is concluded, therefore, that soaps containing indigo extract, and oils containing indigo, destroy the indigo extract and indigo respectively by oxidation, and that the sub-

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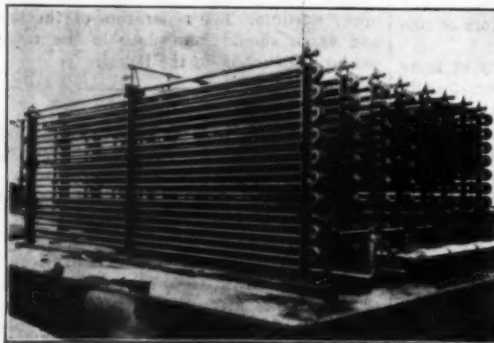
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WANT AND FOR SALE ADS can be found on PAGE 46.

stance in the soap or oil which causes the oxidation is either a natural constituent of the soap or oil, or is formed by exposure to air before or during the action on the color.

DRY SOAP. SOAP POWDERS.

Dry soaps, as they are called, have, during the last few years, become an important branch of the soap industry. They do not vary much in their composition, the greater number being composed of ordinary soap and sodium carbonate; some are scented, others are not. Some makes, sold under special names, contain other constituents, which are supposed to give some special value to the soap.

The process of manufacture is very simple, and its simplicity has induced many persons to take up the manufacture of dry soaps. Still, even though simple, yet some care must needs be exercised to turn out a dry soap of good quality. A first-rate dry soap should be in fine powder, smooth, not gritty to the feel, not exhibit any tendency to aggregate together in lumps, nor to stain the packing paper in any way. It is considered a *sine qua non* of good dry soap that it should lather freely. We may proceed to make a few observations as to the character of the materials which are used in making dry soaps.

THE SOAP.—This, the special ingredient in this class of goods, should be present in fair proportion. One of the best known makes contains from 18 to 20 per cent. of actual soap, another has as much as 30 per cent., some get down as low as 5 per cent.; but such are dry soaps only in name, and more or less frauds on the public. A fair quantity to put in is from 15 to 20 per cent. This soap ought to be well made from good materials, as free as possible from free fat, and containing but a small proportion of water—15 per cent. is a fair quantity, but more than 20 per cent. should be avoided. The soap ought to be made from fats which, like tallow, palm oil or coconut oil, gives hard soaps, while the addition of a little cotton oil, linseed oil, rosin or other oils, or soap stock, which gives soft kinds of soap, is not objectionable. Too much should not be used, as then the soap becomes so soft that it does not grind easily, and it becomes almost impossible to obtain a fine powder. A good soap for this purpose is made from 40 lb bleached palm oil, 40 lb tallow, 10 lb cotton oil and 10 lb coconut oil. Another mixture is 40 lb palm oil, 40 lb tallow, 10 lb linseed oil and 10 lb coconut oil. This will give a yellower colored soap than the last, and the finished dry soap will be darker; but this is sometimes objected to by customers. Another mixture is 40 lb bleached palm oil, 30 lb coconut oil, 20 lb tallow, 10 lb linseed oil. But the variety of mixtures of fat from which soap is made is great, and it will serve no good purpose to enumerate them in detail.

(To be Continued.)

COMMUNICATIONS.

To the Editor of the National Provisioner:

Pure lard is that part of the fat of the hog which becomes liquidized when subjected to a high temperature, and which liquid is afterwards chilled into solidity. Any one fat or combination of the three ordinarily called leaf lard, back fat and intestinal, or gut fat, will produce pure lard. The line should be drawn here, if one can be drawn. While the above is pure lard in its natural state, it is a vexing problem to decide whether it would remain pure if a percentage of oil were pressed out, if a percentage of stearine were added, or if in process of refining certain ingredients were used in order to effect a salable color, it necessitated being blended with certain chemicals. All of these clauses have a tendency to provoke argument as to purity. While the mere fact of a small per cent. of

oil being pressed from the lard will not make it impure, at what per cent. may we cease to extract before the lard is unnaturally pure? While stearine is used principally for stiffening or making the lard firm, whether it be lard or oleo stearine, we must admit it is foreign to natural state of pure lard, and therefore while in themselves pure substances are impurities to pure lard. If pure lard with a 5 per cent. addition of stearine be chemically analyzed the chemist may not arrive at the right determination. In this consequence packers are safe in using that amount of stearine. When 10 per cent. is added it produces a brittle effect, and it needs not a chemist for a correct determination.

I take exception to the statement in your paper, made by a contemporary, Mr. C. A. Seyler, that it is wrong to call the product manufactured from intestinal fat by name of lard. With the addition of oleo stearine, it makes a grade of lard that is marketable at all seasons, coupled with the value of its being a good preservative lard. While admitting there is a large amount of this grade of lard exported, and it is not, strictly speaking, pure lard, still the article must be manufactured, as it reaches a trade that would otherwise be obsolete. Neither may it be branded other than pure lard, for the reason I have heretofore stated, that there is yet no dividing line. Mr. Seyler further states that one pound of oleo stearine is concealed in seven pounds of lard.

This statement is one which need not be passed on by an expert as being erroneous. It is not concealed in ten from the ordinary test of a good judge. If Mr. Seyler has lately failed to determine stearine, a second determination will show for a resultant, paraffin wax, or, perhaps, some greater impurity, providing the weather be warm. Yours truly,

JOHNCE C. MCGURK,

With Armour Packing Co., Brooklyn.

[While we cannot indorse fully all the statements made by our correspondent, we are glad to publish such expressions from practical men thoroughly acquainted with the manufacture of lard and the requirements of the trade.—Ed.]

MIXED.

A London jury the other day brought in the following verdict: "We find the prisoner not guilty, and that he admitted his guilt through ignorance, and we strongly recommend him to mercy."

George—I wonder if your father would have me for a son-in-law?

Marie—Very likely. Papa and I always disagree.

TALLOW, SOAP, GLUE, FERTILIZER AND COTTON OIL TRADE NOTES.

CORRESPONDENTS, SUBSCRIBERS AND OTHERS SENDING ITEMS FOR THIS COLUMN SHOULD MAIL THEM SO AS TO REACH THE EDITOR NOT LATER THAN THURSDAY EVENING.

A report in New York City states that the slaughterers and melters of that city intend to establish soap works on a large scale in Long Island City, N. Y. (See local notice under New York City notes.)

Among the new industries to commence operations in a few days is the E. W. Crane soap factory. This factory, besides manufacturing all grades of laundry soap, will branch out in toilet soaps. The company have secured the services of A. G. Marshall, a soap expert. The new company will start about Feb. 15 next.

Chas. S. Kirk, son of J. S. Kirk, of Chicago, the well known soap man, died suddenly in Omaha. Mr. Kirk was among the best known non-resident business men in the latter city, owing to his genial manners and the bluff, hearty manner which was his wont. He was thirty-six years of age, and leaves a wife and two children.

Mr. O. B. Vanwyck has just begun the operation of his new soap factory in Anderson, S. C.

The Peet Bros. Manufacturing Company, of Kansas City, Kan., is making preparations to consolidate its two plants, one of which is now located in old Kansas City, and the other in Armourdale. Plans are being prepared for a big addition to the Armourdale plant, and after it has been completed the soap works, which is now located in old Kansas City, will be removed to Armourdale.

The American Glue Company, of Boston, Mass., has declared a semi-annual dividend of \$4 per share, payable Feb. 1 to stockholders of record Jan. 23, 1897.

Richard G. Dorman, a solicitor for the Standard Soap Works, committed suicide recently by shooting himself in the head, at his home, in San Francisco. The cause is attributed to business troubles.

With the removal of its factory to Attalla, La., the Huntsville Soap Company will largely increase its capital.

A soap factory with a daily capacity of 1,000 pounds has been established by the Anderson Mattress Company, of Anderson, S. C.

Arrangements are being made for the erection of a 60-ton cottonseed oil mill by the Board of Trade at Seguin, Tex. A committee to push the enterprise is composed of J. M. Blanks, Jesse Le Gette and Ben Terrell.

KNUCKLE JOINT SCRAP PRESS.

THREE SIZES

BY

HAND OR POWER.

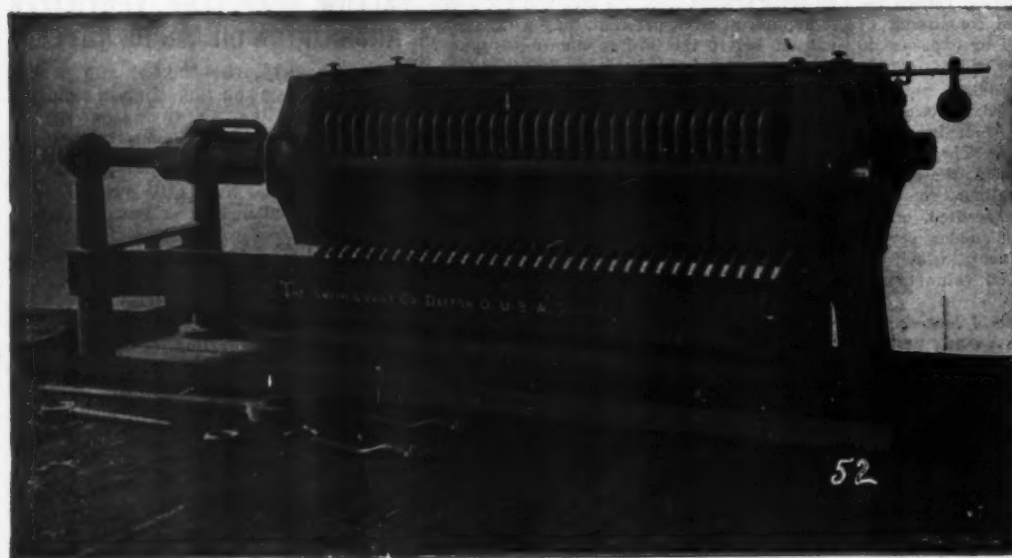
Doors swing open to remove crackling. Follower swings back to uncover hoop when putting in scrap.

Also FERTILIZER PRESSES.

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FILTER PRESSES

Specially constructed for the
Filtration & Clarification
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OILS AND GREASES

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Refrigerating
Machines,
From 1 Ton up to 10 Tons,
Specially built for
Large Retail Butchers
AND
Packing Houses.

THE STILWELL-BIERCE & SMITH-VAILE CO., DAYTON, O.
New York House, 114 Liberty St. Catalogues Furnished. Chicago House, 63 S. Canal St.

NOW AND FOR 19 YEARS THE BEST!

THE ONLY REAL PRESERVATIVE FOR MEATS OF ALL KINDS.

Prevents Fermentation
and Souring of Meats.
Prevents Skippers,
Slime and Mould.
Prevents the Dangerous
Fungus in Meats.
Gives the Meat a
Uniform Cherry-red Color.

ESTABLISHED
1877.



ESTABLISHED
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Prevents Rapid
Shrinkage in Meats.
Retains Moisture in Sausage.
Prevents Green Spots
or Meat Turning Gray.
Retains the Juice in Meat
and Keeps it Tender.

THREE DIFFERENT KINDS MADE FOR MEATS:

- "A"** PRESERVATIVE, for Pork and Liver Sausages, Sausage Meat, Chopped Meat, White Puddings, Tenderloins, Fresh Meats, Poultry, Game, Birds, etc.
"B" PRESERVATIVE, for Bolognas, Frankfurters, Summer and all kinds of Smoked Sausages.
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FULL DIRECTIONS IN EACH PACKAGE.

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THE SOLE PROPRIETORS
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THE PRESERVATIVE MANUFACTURING CO.

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 The Boar's Head Picture is on every Package of
the Genuine Preservative. TAKE NO OTHER.

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154 New Montgomery Street, San Francisco, Cal.

William Ottmann & Co.,

PROVISIONS,
POULTRY
AND GAME,

BUTCHERS, PACKERS AND EXPORTERS,

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NEW YORK.

G. & D. ISAACS,

Abattoir and Salesroom:
240, 242, 244, 246, 248
Hudson Ave.,
BROOKLYN, N. Y.

**WHOLESALE
BUTCHERS**

MANUFACTURERS OF

DUESSETT BRAND EXTRA OLEO OIL, Stearine, etc.

WANT AND FOR SALE ADS can be found on PAGE 46.

The location for a soap factory has been proposed by the City Club of Velasco, Tex.

The erection of a refinery to handle the product of other mills, as well as that of its own, is contemplated by the Velasco Oil Company, of Velasco, Tex.

The Procter & Gamble Company has declared a semi-annual dividend of 6 per cent. on the common stock, payable Feb. 1. Transfer books close Feb. 1 and reopen Feb. 16.

An amendment was filed to the charter of the Greenville Oil and Cotton Company, of Greenville, Tex., last week, authorizing the company to increase its capital stock from \$50,000 to \$100,000.

At the close of the present season the Mutual Cotton Oil Company, of Columbus, Ga., will enlarge its present capacity. The company is contemplating the establishment of a refinery, as their business has been good this season.

The Frauernicht-Shanks Commission Company has been incorporated at St. Louis, Mo., with a capital stock of \$15,000, by F. C. Frauernicht and others.

Alfred C. Gage and others have incorporated the Alpine Cattle Company, at Alpine, Tex., with a capital stock of \$125,000.

The Calvert Oil Mill, Calvert, Tex., shipped recently ten carloads of cottonseed meal direct to Germany. This company has been making a number of crude oil and cottonseed meal shipments of late to foreign countries.

Messrs. Lever Bros., Ltd., of Port Sunlight, near Birkenhead, England, have acquired new oil mills at Balmain, Sydney, N. S. W.,

THE EGRY REGISTER.

The most progressive business men of to-day are equipping their establishments with up-to-date devices, even at a sacrifice. Yet the benefits are so pronounced that it becomes an elegant investment. The Egrgy Registers are being adopted by some of the best known butchers and packing concerns in the country for both their wholesale and retail stores. This company manufacture ten different kinds and sizes, so as to suit all demands. These registers differ widely from anything heretofore shown, and are the most simple and convenient devices we have yet seen, as the records on some are folded undetached in book style, and on others summarized in solid columns of figures. Three copies are produced at one writing, and there is no stationery to handle, everything feeding automatically. The factory is located at Dayton, Ohio.***

On a tombstone in Indiana is the following inscription: "This monument was erected in the memory of John Jenkins, accidentally shot as a mark of affection by his brother."

AN ENGLISH VIEW OF THE SITUATION AND OUTLOOK OF FOREIGN PRODUCE FOR 1897.

We are in receipt of a pamphlet from Messrs. Bigland, Sons & Jeffreys, Liverpool, England, entitled "Eighth Annual Situation and Outlook of Foreign Produce for 1897." The pamphlet is filled with interesting and statistical reading matter. We take the following extracts from the report:

The general outlook for 1897 is therefore a cheerful one. Prices generally are low, stocks of raw products are in no case excessive, the turnover of business will assuredly be heavy, the demand for goods is likely to be well up to production, and therefore producers and merchants, by taking a reasonably firm stand should market their goods at a better range of prices than in 1896.

THE SOAP TRADE.

During the year which has just closed the soap trade has had a period of the lowest value of raw materials ever known. The full weight of the heavy shipments of tallow from Australia in 1895 was not felt till the beginning of 1896, when the semi-panic which seized the American people to market all commodities, almost regardless of price, was felt in soap making materials as keenly as others. The buying of the trade was almost paralyzed by lard falling week after week until 3.7½c. per 100 lb. or 16s. 5d., c. i. f. Liverpool, was accepted, when a general feeling prevailed that the downward pressure had spent itself, and during September and October an entire revulsion was experienced; this upward movement, however, did not last, and by the middle of December some articles had lost a great part of the rise, and cottonseed oil fell even a fraction lower than the record of last summer. To-day the position would be a sound one indeed were it not for the fact that in Chicago there is a stock of 180,000 tierces of lard and a fabulous amount of maize in the Western States which must be fed to cattle and hogs. The former mature slowly, and no immediate outcome in the form of tallow need be apprehended, but with the latter coming to maturity rapidly there must of necessity be a large and continued production of lard, which article, though not used much in actual soap making, keeps tallow in check partly by displacing beef fat for edible purposes, and partly by buyers feeling conscious that they could use it at a price if cottonseed oil and tallow advanced beyond their relative values.

The total export of soap from the United Kingdom was 30,272 tons in 1893, 28,943 tons in 1894, 35,500 tons in 1895 and 35,983 tons in 1896.

TALLOW.

Although in our last year's forecast we were remarkably right in the information we had

gathered as to the probable curtailment of the Australian shipments (fixing the decrease about 25,000 tons), and also as to the supplies from other parts, we were remarkably wrong in the deduction from the facts, and instead of 20s., c. i. f., being the lowest price for beef, and 21s. for mutton, we fell to the unheard of price of 17s. for good beef and 18s. 6d. for good mutton for shipment, and in some cases lower figures for prompt cash on arrived parcels. We did not know then that Brother Jonathan was going to hit below the belt and frighten us so over the Venezuelan question, and then turn the other cheek for us to smite by taking his goods from him at half price.

North America has very small stocks available for export at the moment, but as the year advances the cattle which are now being fattened on the cheap Indian corn will be marketed, and unless the big firms, who control a large percentage of the slaughtering, and who are now also soap makers, try the experiment of sending their tallow to England in the form of soap, they will no doubt have some to spare. France came forward as

(Continued on page 33.)

PACKING HOUSE NOTES.

Manufacturers of machinery and fixtures interested in these notes, should also consult the items under Ice and Refrigeration, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

* Mr. Edward Heymans, of 19 Rue Berger, Paris, France, live stock and general provision agent, has taken into partnership his son, Mr. Leon Heymans, and the business will hereafter be conducted under the name of Edward Heymans & Son.

* The New York Electrical Review says: "It is proposed to dispose of impounded and unredeemed hogs in Macon, Ga., by electrocution; successful experiments have been made on rats."

* The board of administration of the Western Freight Association has refused the application of the rate committee to make a rate of 32 cents on lard in pails from Kansas City to New Orleans. The present rate is 37 cents, though lard in tierces takes the 32-cent rate. The interested lines could see no reason for the difference.

* The output of the North Packing and Provision Co., West Medford, Mass., for 1896 was as follows: Hogs slaughtered, 770,713; meat handled, 161,360,000 lb; lard manufactured, 42,630,078 lb; fertilizer manufactured, 6,400,000 lb; lard tierces and pork barrels manufactured, 136,211.

* The first grand concert and ball of the Retail Butchers' Association, of Meriden,

P & B INSULATING PAPERS PAINT

NO OIL. NO TAR.

WILL NOT DRY OUT OR CHIP OFF.

ARE THE STRONGEST, BEST AND MOST DURABLE IN THE MARKET. ABSOLUTELY AIR-TIGHT AND ODORLESS.

For PIPES, COILS, VATS, BRINE PIPES, IRON OR WOOD. IS A PERFECT PRESERVATIVE from DAMPNESS and RUST.

FRED. W. WOLF CO.

CHICAGO, December 17, 1896.

MESSESS STANDARD PAINT CO.:

Gentlemen:—We are pleased to be able to say that we have used your P. & B. Papers and Paints for some time, and with a great deal of satisfaction, and we can highly recommend your paper to anyone wanting anything of the kind for insulating purposes. With regards, we remain,

Yours very truly,

THE FRED W. WOLF CO.

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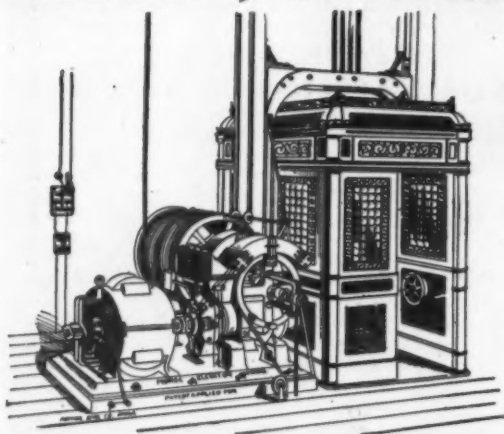
81-83 JOHN STREET, NEW YORK.

Chicago Office, 189 Fifth Avenue.

Philadelphia, Standard Supply and Equipment Co., 22 South 15th Street.

Boston, J. A. & W. Bird & Co., 117-119 Milk Street.

Pittsburgh, J. B. Booth & Co., Standard Building.

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PASSENGER AND FREIGHT**ELEVATORS**

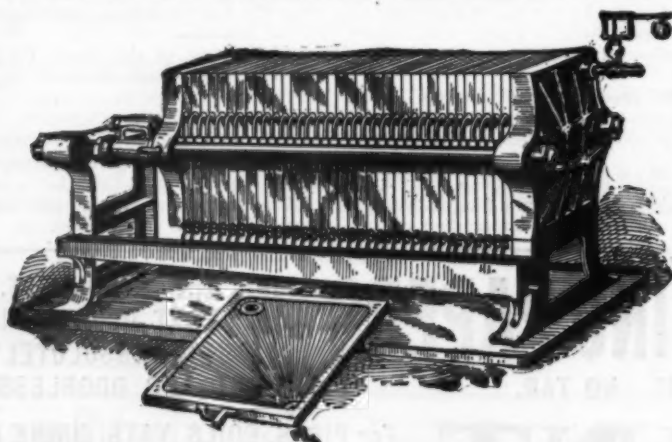
OF EVERY DESCRIPTION.

Works: Frankford Ave., Willey
and Shackamaxon Sts.**PHILADELPHIA.**OFFICES,
108 Liberty Street, New York.
82 Church Street, New Haven.
19 Pearl Street, Boston.
4 East Lexington St., Baltimore.
413 Fourth Avenue, Pittsburg.
425 Spruce Street, Scranton.**YOU WANT THEM***Latest! Best!
Cheapest!***FORBES INDEXED COUPON BOOKS.**

STOP your losses from forgotten charges.
STOP so much credit business and get more on a cash basis
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STOP wearing yourself out book-keeping.
STOP a customer from getting in your debt too deeply.
STOP lots of other things with our books.

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Either Printed from Type or from your Engraved Signature.
Books made in all sizes and delivered free. 4000 dealers
using them. Three styles. We can suit you. Let us send
you free samples.

J. P. FORBES, Forbes Building, COSHOCTON, O.**WE MAKE COUPON BOOKS FOR ALL PURPOSES.****SPERRY'S NEW FILTER PRESS****HAS MANY POINTS OF EXCELLENCE OVER OTHER PRESSES OF THIS FORM.****THE LATEST AND BEST.****THE LATEST AND BEST.****D. R. SPERRY & CO.**

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Vacuum Pans, Steam Jacket Kettles,

Caldrons, Hog Scalders, etc.

SEND FOR FULL INFORMATION.

**HAVE YOU GOT IT YET ?
SEE COUPON PAGE 31.**

P. DONAHUE & SON,*Highest Prices Paid for***HIDES, FAT AND SKINS,**

658 W. 39th St., New York.

HIGHEST PRICES**FOR****Hides, Horsehides,****Calf Skins,****Tallow, &c.****Sheep and Lamb Skins,
Pelts.****JOSEPH HABERMAN**

623 to 627 West 40th St.,

NEW YORK CITY.

REFERENCES:

The Bowery Bank of New York,
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JACOB LEVY**PAYS THE HIGHEST PRICES FOR****Fat, Suet, Calfskins, Hides, Plates & Bones,****799 First Ave., New York City.**

76 KENT STREET, 16 NO. WEST ST.,
Greenpoint, L. I. Mount Vernon.

Wagon calls to all parts of the city, Brooklyn, Westchester
Co., and Yonkers.

THE NATIONAL PROVISIONER.

ANNUAL SUBSCRIPTION

ONLY \$4.00 FOR 52 WEEKLY ISSUES.**JACKSON & CO.**

MANUFACTURERS OF

BUTCHERS and PACKERS'**SKEWERS**

Made from the
BEST OF HICKORY.

Correspondence solicited.

Jackson & Co.,

626 Tenth Ave., New York.

Conn., was held on the evening of the 21st. The crowd was larger than the association anticipated, and quite a sum will be cleared by the venture.

* At the annual meeting of the Union Stock Yards and Transit Company, held recently in Chicago, the following were elected directors: Nathaniel Thayer, Boston; John B. Sherman, F. H. Winston, A. H. Veeder, E. J. Martin, John J. Mitchell and James H. Ashley. The following officers were also elected: President, Nathaniel Thayer; vice-president and general manager, John B. Sherman; second vice-president, E. J. Martyn; general superintendent, James H. Ashby; secretary and treasurer, Walter Doughty; superintendent of transit department, Richard Fitzgerald; general counsel, Winston & Meagher; general solicitor, Iras Coy.

* Toronto pork packers complain that the light weight hogs offered in that market are too fat. This is due, no doubt, to the abundance of cheap food in the country. Hogs of light weight are not desirable when too fat, and the packers are disposed to discriminate against these hogs in the matter of price.

* The annual meeting of the Canadian Packers' Association was recently held in Toronto, Canada. The president, Mr. W. A. Ferguson, of Delhi, occupied the chair.

* The Cumberland Packing Company has been formed at Chicago and will operate the old Gough packing house. John Moran is the president, Samuel J. Nash vice-president and John Herson secretary.

* Mr. G. W. Maxfield, who is perfecting plans for the erection of new and extensive stock yards and a packing house in Bangor, Me., which will involve an outlay of about \$100,000, is enthusiastic over the field which can be developed in that city and in the north of Maine. It is said that Maine affords excellent facilities for raising the bacon hog, the finest thing in the pork line, and on this point a Montreal trade paper says: "Some little concern is being felt among Canadian packers at the apparent scarcity of light bacon hogs. This is caused by the abundance of small feed in the hands of the farmers of the Province of Ontario, and who are turning it into pork, rather, as they state, than let it rot. It is, unfortunately, much of the penny wise and pound foolish maxim. The feed will not rot nor yet vanish by holding, but a farmer's substance will vanish if he insist on turning into pork one bushel of grain, when two-thirds of a bushel will bring about the same order of things. It is not quantity we want, it is quality. Packers all through the country are remonstrating with the farmers against producing a too heavy hog and have backed their objections in a very substantial difference in price between the two grades, but so far without avail—the farmer has the feed and lots of it, and while it lasts he seems

intent on turning it into 'fat pork,' regardless of the consequences."

* Mr. F. L. Holmes, treasurer of the Holmes Provision and Cold Storage Co., of Holyoke, Mass., has gone South on an extended trip for his health. Mr. Carey Libbey, manager, will assume entire charge during his absence. Mr. Holmes has the best wishes of his many friends, who hope to see him back in a short time.

* Mr. Joseph Lister, of Chicago, advertises presses for sale on page 46.

* John Kepler, a butcher, of Girardsville, Pa., met with a peculiar accident one day this week. He started for a long drive, and to overcome the severity of the cold, set a lighted lantern between his feet, and then wrapped legs and lantern in a heavy blanket. Then Kepler went to sleep. A lurch broke the lantern and set the blanket on fire. Kepler then woke up. He kicked the blazing blanket over the dashboard and the horse's tail got afire. The horse could not be expected to tamely submit to this affliction, so it ran away and plunged over an embankment. The wagon was smashed and the horse had to be shot owing to injuries. Kepler was severely burned.

ON THE PRESS.

Attention is called to the advertisement on page 24 of our forthcoming book on THE MANUFACTURE OF COTTONSEED OIL. The book is on the press now.

CUT OUT.

\$10. Order for Copies of Directory and Handbook.

Send C. O. D. by Express..... Copy of your "Pork Packers' Handbook and Directory" (440 pages), at the price of TEN DOLLARS (10.00) per copy. Name.....

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ALL CURED MEATS, SAUSAGES AND BOILED MEATS

ROLL PARCHMENT PAPER

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For lining Cold Storage and Ice Houses, Refrigerators and Refrigerator Cars.

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98 MAIDEN LANE, NEW YORK.



PACKING IN KANSAS CITY IN 1896.

The following statistics of the packing done at Kansas City each month during 1896 will be of interest:

January—Cattle, 69,596; calves, 1,172; sheep, 45,760; hogs, 241,026; total, 357,554.

February—Cattle, 63,701; calves, 978; sheep, 49,969; hogs, 157,731; total, 272,379.

March—Cattle, 56,241; calves, 1,071; sheep, 67,652; hogs, 166,212; total, 291,176.

April—Cattle, 61,555; calves, 984; sheep, 87,576; hogs, 222,948; total, 373,063.

May—Cattle, 68,496; calves, 1,268; sheep, 69,662; hogs, 205,905; total, 345,331.

June—Cattle, 62,814; calves, 6,176; sheep, 43,674; hogs, 228,429; total, 341,093.

July—Cattle, 77,319; calves, 12,387; sheep, 44,901; hogs, 142,995; total, 277,602.

August—Cattle, 82,497; calves, 9,498; sheep, 34,507; hogs, 89,367; total, 215,869.

September—Cattle, 104,501; calves, 8,690; sheep, 56,746; hogs, 130,366; total, 300,303.

October—Cattle, 118,103; calves, 5,716; sheep, 52,418; hogs, 191,304; total, 367,541.

November—Cattle, 83,861; calves, 2,019; sheep, 68,182; hogs, 184,459; total, 338,521.

December—Cattle, 74,690; calves, 1,788; sheep, 51,944; hogs, 401,368; total, 529,790.

Grand Totals—Cattle, 923,374; calves, 51,747; sheep, 672,991; hogs, 2,362,110; total, 4,010,222.

THE
DE LA VERGNE REFRIGERATING MACHINE CO.
Manufacturers of
Refrigerating AND Ice-Making Machines
AND ANHYDROUS AMMONIA.

Read the following AWARD from the DIPLOMA received by us from THE WORLD'S COLUMBIAN EXPOSITION.

AWARD.

For production of Anhydrous Ammonia Compressors for refrigerating purposes, of First-Class Efficiency, Durability, Design, Workmanship and Finish, having a pair of vertical double-acting compressing cylinders, operating from two cranks driven by a horizontal double-acting steam engine, occupying a minimum floor space for given capacity, with automatic devices for circulating oil through the compressing cylinders for the purpose of securing perfect displacement of gas, of absorbing the heat of compression so as to require no water-jackets.

For first-class design of the ammonia condensing apparatus, involving the use of a special line of pipe-fittings and valves, of superior strength and completeness; for an excellent arrangement of cooling-water distributing surfaces and liquid ammonia collecting pipes, and complete provision for conveniently operating, cleaning and repairing all parts of the system so as to secure steady action under the most economical conditions.

For successful application of the principles of artificial refrigeration, by the direct expansion of ammonia.

For a complete system of constructing Refrigerating Plants and manufacturing specially designed appliances therefor, all of which are undoubtedly the most elaborate and complete fittings for this purpose yet introduced. The exhibitors adhere to the practice of making all pipe joints with screw threads, sealed with a special solder, which is undoubtedly the most secure method of making joints in ammonia work.

Approved.—W. A. JAMES,
Vice-President Departmental Com.

(Signed) J. E. DENTON,
Individual Judge.

Approved.—JOHN BOYD THACHER,
N. H. Chairman Executive
Committee on Awards.

WE BUILD THE MOST SUBSTANTIAL AND DURABLE MACHINES AND PLANTS FOR REFRIGERATION AND ICE-MAKING MADE IN THE WORLD. THE RECORD MADE BY OUR PLANTS IN OPERATION IS A PROOF OF THIS FACT.

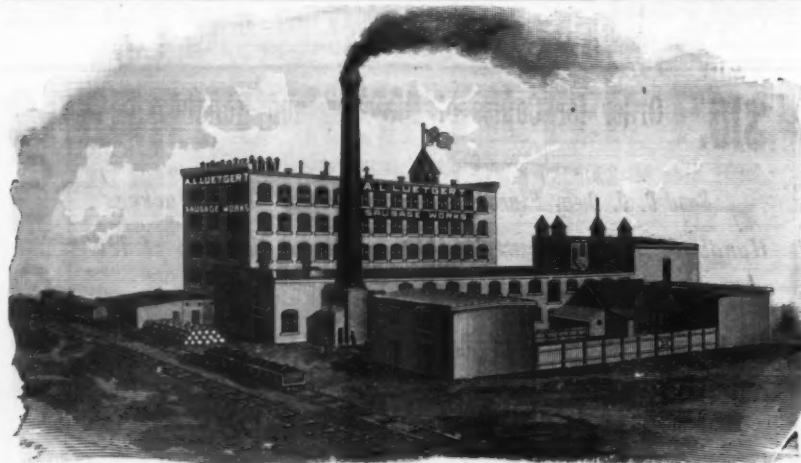
WE MAKE NO GUARANTEES WE CANNOT FULFILL.

MAIN OFFICE AND WORKS: FOOT OF EAST 136TH STREET, NEW YORK.

BRANCH OFFICES.

PHILADELPHIA, Pa., Girard Building, cor. Broad and Chestnut Sts.
ST. LOUIS, Mo., 8th St. and Park Ave.
CHICAGO, Ill., 507-508 Security Building, Madison St. and 5th Ave.

NEW ORLEANS, La., 712 Hennen Building, Cor. Carondelet and Common Sts.
CINCINNATI, O., 5 and 7 Corwine St.
BOSTON, Mass., Tremont Building.



The A. L. Luetgert
Sausage AND Packing Co.

601 to 629 DIVERSEY BOULEVARD,

TELEPHONE, LAKE VIEW 217. CHICAGO, ILL.

Manufacturers of all kinds of

German, Italian and French
Sausages.

C. J. GARDNER INDIANAPOLIS, IND.

SLAUGHTERER, PACKER AND SHIPPER OF

...Manufacturer of...
TALLOW, HIDES, FERTILIZERS AND
SLAUGHTER HOUSE PRODUCTS.

**Dressed Beef, Sheep,
Lambs, Calves.**

WE SHIP IN OUR OWN
REFRIGERATOR CARS.

LITTLE MONITOR BEEF REFRIGERATOR AND ICE FACTORY.

CORRESPONDENCE SOLICITED.
Refers to a number of high-class
Consignees in the East.

See Coupon on Page 31.

AN ENGLISH VIEW OF THE SITUATION AND OUTLOOK
OF FOREIGN PRODUCE FOR 1897.

(Continued from page 29.)

a buyer in the summer months, and took heavy lines as a cheaper soap and candle fat than the palm oil arrachid and cotton oil she had mostly used before, and if privies keep low there seems no doubt she will be a large buyer again. How much tallow America will have to ship to Europe this coming year is largely dependent on the question of the demand for beef fat for edible purposes, and buyers must let this factor have due weight as the year progresses. While butter remains at present values there is certain to be a fair demand for oleo, which absorbs a fair percentage of the choice selected ox fat, but this demand is doubled when lard gets dearer. Our forecast for the coming year is that considerable quantities of low tallow and grease will be offered by the States throughout the year, but the supply of good tallow will not be large until the spring, when we may expect freer offerings. The quality of North American tallow was exceedingly good in the early summer months of last year owing to oleo and premier jus being unsalable, and our readers will more readily understand this when we state that in June oleo in Rotterdam fell to 24s. per cwt. and in October rose to 48s.

(Concluded next week.)

ICE AND REFRIGERATION.

Those interested in this subject should not forget to look also at Packers' and Slaughterers' Notes, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

—Mr. John Finley, of Salina, Kan., is in the market for an ice-machine of from ten to twenty-five tons capacity.

—The Remington Ice Machine Co. have some ice machines for sale. See page 46.

—The Fred W. Wolf Co., of Chicago, have recently received the following contracts: St. Louis Dressed Beef and Provision Co., St. Louis, Mo., one compressor of 200 tons refrigerating capacity, together with engine and all appurtenances for complete ice plant of 90 tons capacity; Peru Beer Co., Peru, Ill., 25-ton refrigerating machine; Durham Ice Co., Durham, N. C., 15-ton ice making plant; Newark Ice and Cold Storage Co., Newark, O., 18-ton refrigerating machine; Blue Island Brewing Co., Blue Island, Ill., 40-ton refrigerating machine; McAvoy Brewing Co., Chicago, complete direct expansion for their cellars; A. L. Luetgert Packing Co., atmospheric condenser; Central City Ice Co., Macon, Ga., direct expansion piping and outfit for 15-ton ice making plant; Asheville Ice and Coal Co., Asheville, N. C., atmospheric condenser for their ice plant; Louisville Packing Co., Louisville, Ky., new condensers and coils

for ice tank; Peter Schemm & Sons' Brewing Co., Philadelphia, Pa., direct expansion piping for stock cellars, in place of brine system, and new atmospheric condensers, in place of old submerged condensers.***

—The Sulzer-Vogt Machine Co., of Louisville, Ky., have for sale Moore's Anti-Friction Differential Chain Pulley Block, with new automatic brake. By means of this device the heaviest loads may be lowered by a slight pull on the hand chain, a few pounds only, and yet are held with perfect safety at every point. The capacity of the block runs from one-half a ton to ten tons. Write to the above company for a descriptive circular.***

—The Springfield (Mo.) Ice and Refrigerating Company held its annual election of officers in that city recently. Adolphus Busch, of St. Louis, was chosen president; August Busch, of St. Louis, was chosen vice-president; B. S. Schoeffel, of Springfield, secretary and treasurer, and B. E. Meyer, of Springfield, manager. Plans and specifications have been drawn for a new building, which will be completely equipped with new machinery of the most improved patterns. In connection with it the company will erect a cold storage with a capacity of 50,000 barrels.

—W. E. Shaw, a stockholder, filed an answer in the suit for a receiver for the Consumers' Ice and Refrigerating Co., of Cincinnati, O., alleging that the issue of \$60,000 in stock was without his knowledge and against the general rights of stockholders. The application for a receiver went over before Judge Kumler until Tuesday next.

—An effort is now being made to form a company to erect and operate an ice making plant in Conshohocken, Pa. Among those interested in the proposed company are Messrs. John Pugh, Joseph C. Jones, George Benz, Reese P. Davis, Frederick Light, Thomas J. Carroll, Frank Collins and others.

—There is a movement on foot to erect an ice factory in Rockport, Tex. The negotiations will be closed in a few days, and all the appearances indicate the success of the enterprise.

—The Thurston Cold Storage and Warehouse Company, of St. Paul, Minn., has assigned to William N. Armstrong.

—A paper is being circulated in Red Bluff, Cal., for subscriptions for the purpose of establishing an ice factory at that place.

—Work was commenced recently on an immense cold storage plant to be erected at Santa Rosa, Cal.

—The stockholders of the Geneva (N. Y.) Ice Co. met at the office of D. E. Dempsey recently and elected the following as directors for the ensuing year: D. E. Dempsey, R. A. Catchpole, O. Fiero, William Burton, Edward Harris, T. A. Kane, H. F. Fox; inspectors of election, Thomas Coursey and G. R. Turner; financial committee, T. S. Hubbard, J. P. Hill, and J. W. Burton. The directors immediately went into executive session and elected the following officers: President, R. A. Catchpole; vice-president, H. F. Fox; secretary and treasurer, D. E. Dempsey; superintendent, O. Fiero.

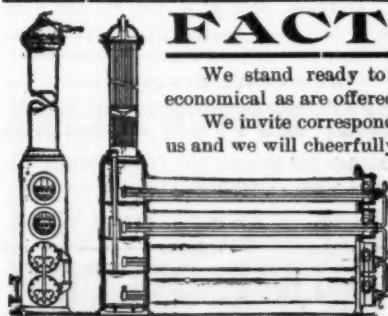
—The eighth annual banquet of the Dayton (O.) Ice Manufacturing and Cold Storage Co. was recently held. It was a most enjoyable affair. A pleasing feature of the evening was the presentation to Manager J. Kunkle of a handsome diamond ring. J. M. Spring, Esq., made the presentation speech.

A VERY EXTENSIVE BUSINESS.

The National Ammonia Co., whose products of anhydrous and aqua ammonia for employment in refrigerating and ice making machines are recognized throughout the world as the standards of quality, and who have been among our advertisers since the incipency of this journal, ever on the alert to put their goods within convenient reach of the trade employing them, have lately established several new agencies or depots from which their ammonia can be obtained.

This company's business is even more extensive than its name implies, being "international." They inform us that their export business during 1896 was fully double that of any year previous, their trade having grown particularly in Australia, Africa and South America.

We invite the attention of our readers specially to their revised advertisement on page 6 in this issue.***



GENERATOR—Pat. Jan. 24, 1888, and Sept. 23, 1890.

Write for Prices.

FACTS.

All Ice Manufacturers know that there are inferior Ice and Refrigerating Machines built.

We stand ready to challenge any builders to show that our machines are as efficient and economical as are offered in the market.

We invite correspondence. Should any contemplative purchasers wish any information, write us and we will cheerfully give it our prompt attention and send illustrated catalogue.

SULZER-VOGT MACHINE CO.

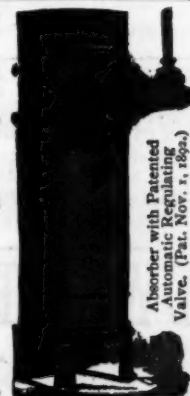
LOUISVILLE, KY.

Builders of Latest Improved

Ice and Refrigerating Machines.

ATMOSPHERIC CONDENSERS, COILS, TANKS

FURNISHED FOR ANY MACHINES.



Absorber with Patented Automatic Regulating Valve. (Pat. Nov. 1, 1892.)

EASTMANS COMPANY

OF NEW YORK.

CITY DRESSED BEEF.

Salesroom and Abattoir:

59th STREET, 11th AND 12th AVENUES,

NEW YORK.

Telephone Call, 896-38th St.

Main Office Telephone Call, 641-38th St.

TELEPHONE NO. 87-39TH STREET.

JOSEPH STERN & SON

(Successors to STERN & METZGER),

WHOLESALE BUTCHERSABATTOIRS, 616, 618 & 620 W. 40th St.
SALESROOMS, 617, 619 & 621 W. 39th St., N. Y.BEST QUALITY OF CITY DRESSED REFRIGERATED
BEEF ALWAYS ON HAND.**LARD**Deodorization
Analysis for Impurities.
Our Specialty.THE NATIONAL PROVISIONER,
ANALYTICAL LABORATORY,
284 Pearl St., New York.**GUSTAV GOLDMAN**MANUFACTURER AND DEALER IN
ALL CELEBRATED BRANDS OF
BOLOGNAS AND SAUSAGESPacker of Tongues, Smoked and Pickled Beef.
No. 314 EAST HOUSTON ST., NEW YORK**KAUFMAN & STRAUSS,
WHOLESALE BUTCHERS**Slaughter House, 622 & 624 W. 40th Street.
Salesroom, 623 & 625 W. 39th Street.
Office, 623 West 39th St., NEW YORK.
TELEPHONE 1430-38TH ST.**DWIGHT P. CRUIKSHANK**7 & 9 FRONT STREET,
...NEW YORK.**SCHWARZSCHILD & SULZBERGER CO.,**

NEW YORK ABATTOIRS: KANSAS CITY.

Packers and Curers of Choicest Grades of

Beef, Veal, Mutton and Pork,

ALL PACKING HOUSE PRODUCTS.

MAIN OFFICES:

45th St. & First Ave.

NEW YORK CITY.

MAIN BRANCH AND ABATTOIR:

1st Ave., 45th & 46th Sts. & East River.

DEPOTS: 518 West Street; Gansevoort Market; Tompkins Market, Third Ave. and 7th St.;
First Avenue and 102d Street; Twelfth Avenue and 132d Street.**BROOKLYN:**

DEPOTS: Pacific and 5th Avenues; Wallabout Market.

Also Branches and Depots in all of the Principal Cities of the United States.

MANHATTAN BEEF CO., 1, 2 and 3 MANHATTAN MARKET,
West 35th Street, NEW YORK.

BRANCH HOUSES.

HUDSON RIVER BEEF CO.,
Ltd., 133d St. and 13th
Ave., New York.WHEELER, BRADSTREET
& CO., 100 and 102 Ganse-
voort St., New York.EAST RIVER BEEF CO., Ltd.
Long Island City, N. Y.Consignments Solicited.
POULTRY AND COUNTRY VEAL

A SPECIALTY.

THE HAMMOND COMPANYCHOICE
Chicago Dressed Beef,
Veal, Mutton, Lamb,
Hogs, Provisions.

BRANCH HOUSES.

ATLANTIC BEEF CO., Ltd.,
174 and 176 Fort Greene
Place, Brooklyn, N. Y.PACIFIC BEEF CO., 106 N.
6th St., Brooklyn, E. D.HOBOKEN BEEF CO., Ho-
boken, N. J.**N. H. Snyder,** SHIPPER AND DEALER IN
Standard Provisions
and Meat Specialties,

231 Fulton Street, NEW YORK. Telephone Call:

3066 Cortlandt.

Tongues, Tripe and Pigs' Feet in Vinegar, 25, 50 and 100-lb. Kegs. Hotels and the Trade
solicited. Orders by Telegraph or Letter promptly attended to.TELEPHONE 5784,
30TH STREET.**J. M. & P. SCANLAN,**

108 BROOKLYN.

WHOLESALE DEALERS IN

MUTTON, LAMB AND VEAL.

Main Office and Abattoir, 613 to 619 West 40th Street, New York.

Branches at: West Washington Market, New York, 169 Fort Green Place, Brooklyn.

ALSO DEALERS IN

PULLED WOOLS, PICKLED SHEEP AND LAMB PELTS.

THE HARLEM PACKING HOUSE**RICHARD WEBBER,**

OFFICE AND REFRIGERATED SALESROOMS:

120th Street and Third Avenue,

NEW YORK.

SLAUGHTERER
OF AND DEALER IN
CATTLE, HOGS
AND POULTRY.
PORK AND BEEF
PACKER.
LARD REFINER.
CURER
OF FINE PROVISIONS
FOR HOME AND
EXPORT TRADE.

ABATTOIRS, FOOT OF W. 39th ST., NEW YORK

ST. JOSEPH, MO. SIOUX CITY, IA.

Drescher, First & Co.

WHOLESALE DEALERS IN

VEAL, MUTTON AND LAMB,

Abattoir and Offices: 776 FIRST AVENUE,

Branch Office: 751 FIRST AVENUE,

(INCORPORATED.)

Telephone Call, 935 38th St.

NEW YORK.

**DIRECT IMPORTER
OF SPICES**

From Place of Growth.

The New York Retail Butchers' Mutual Protective Association

... OFFICERS ...
 ARTHUR BLOCH, President, 791 Park Ave.
 WM. G. WAGNER, 1st Vice-Pres., 573 First Ave.
 GEO. H. SHAFFER, 2d Vice-Pres., 474 Fourth Ave.
 FELIX HAAS, Treasurer, Central Market.
 OTTO GEISS, Financial Secretary, 508 West 51st St.
 CHARLES YOUNG, Recording Sec., 873 Park Ave.
 GEO. WILLI, Corresponding Sec., 710 Second Ave.
 PATRICK MAY, Serg't-at-Arms, 523 W. 39th Street.

OFFICE, 873 PARK AVE.
 NEW YORK.

MEETINGS HELD EVERY SECOND AND FOURTH MON-
 DAY OF EACH MONTH. MEETING ROOMS: RETAIL
 GROCERS' HALL, 138 & 140 EAST 57TH STREET.

NEWS COMMITTEE:
 EDWARD DAVIES, West Washington Market.
 FELIX HAAS, Central Market.
 HERMAN BROCKNER,

AUSTRALIAN MEAT FOR JAPAN.

The fact that Japan has taken to meat-eating in a systematic fashion may lead to a large Australian trade in frozen meat being diverted from this country, says the London Meat Trades' Journal, quoting from the Scotsman. The authorities of Japan are concerned about the small stature of their countrymen, and have given out that meat eating will in course of time alter this. But, unfortunately, live stock in Japan are not in adequate numbers to supply this new demand. With these facts in mind, it is expected that there will soon be a big export trade in frozen and tinned meats to Japan from Australia. As the Japanese number 40,000,000, and are a prosperous people, there is the possibility of a large trade of this description, Australia being essentially a meat producing country. Now, this is just the kind of thing required to relieve our markets. The calamitous scourge of rinderpest at the Cape will, undoubtedly, affect our markets, although in an indirect way. While unsafe to prophesy, it is yet permissible to hope in a somewhat larger way than has been warranted for some years, that 1897 will realize more money to the feeder as well as to the breeder of live stock.

COPIES OF THIS PAPER WANTED.

We are desirous of obtaining copies of "The National Provisioner" of Jan. 25, 1896; Aug. 22, 1896, and Aug. 29, 1896.

Some time ago a certain foreign count was staying at Dunrobin Castle, the home of the Duke of Sutherland. He was sent out deer-stalking by himself. He returned at the end of a long day of triumph.

"What sport?" asked the Duke of his guest. "Of ze wild deer," replied the "sportsman," "I shoot none—zey are too deefecult; but of ze wild muttons many."

He had been slaughtering the little Highland sheep with which the hills round Dunrobin are covered.—London Meat Trades' Journal.

NEW YORK CITY AND VICINITY.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

** Mr. Paul E. Vollum, formerly with the Metropolitan Hotel and Supply Co., is now in the employ of Josiah Macy's Sons, oil manufacturers, of 191 Front street.

** The masquerade and civic ball of the Young Butcher Guard, of Brooklyn, E. D.,

Capt. Peter Grim, will be held in Arion Hall, in that city, on Wednesday evening, Feb. 3.

** A judgment has been obtained against the Metropolitan Hotel, Twenty-seventh street and Broadway, by the Schwarzschild & Sulzberger Co., for \$3,188.

** Wolf, Sayer & Heller, 120 Pearl street, this city, have just closed the largest contract for fixtures for grocery and meat market ever let in Massachusetts with a Pittsfield concern, which intends to occupy the first floor of the five-story Hull and Morton building in the above city. The store itself is divided into departments, the counters in each being what is called the combination bin and counter, of which there are 212 running feet. The cooler is to have a solid plate glass front, and measures 20 feet front. All meat market and fish department counters are made with best Italian white marble tops, and stand on bronzed legs, 6 inches from the floor, a new feature of the same introduced by this enterprising firm.

** The exterior of Eastman's big abattoir in West Fifty-ninth street is being treated to a liberal coat of white lead.

** Mr. Isadore Heller, of the well known house of Wolf, Sayer & Heller, butcher supplies, was in town this week from Chicago.

** The annual meeting of the Eastmans Co., of New York, will take place the first Tuesday in February.

** Mr. Lehman Samuels, of the United Dressed Beef Co., left for Chicago this week.

** A meeting of the slaughterers of New York City was held at the Grand Union Hotel last week. Some fat melters and a prominent politician attended same. Another meeting took place this week, and a rumor has it that a combination of slaughterers, melters and their friends intend to establish large rendering and soap works at Long Island City.

** Mr. Carl Levy, of the firm of Berth Levy & Co., whose home is in Chicago, is in town.

** It is reported that the big dry goods house of Bloomingdale Bros. purpose engaging in the retailing of meats. The retail butchers of this city are not generally acquainted with this report, but the few who are aware of it, are naturally up in arms over the matter.

** Four butchers employed in the slaughter house of the Schwarzschild & Sulzberger Co. set out Tuesday to paint the inside of a big tank fifteen feet deep, containing pipes holding ammonia used for refrigerating purposes. While one of them, John Reynolds, was alone in the tank he became unconscious from the fumes of the paint and fell to the bottom of

the tank. Charles Padior, a companion, who went down the ladder to his rescue, was also overcome, and fell at his side. Benjamin Foltz, who climbed to the bottom of the tank to aid them, would have shared the same fate had he not got out of the tank in time. A rope with a sling was then brought, and the men were rescued from their perilous position, "Big Dan," the fourth butcher, descending into the tank, where he gave all the assistance necessary to the sufferers.

** A horse attached to the meat wagon of George Thomson, Central Market, started down town Tuesday, and after reaching Thirty-fifth street, collided with the pavement and fell. The horse was unhurt, the only damage being a slight one to the wagon.

** Almost simultaneously in Brooklyn it was reported that a runaway horse with grocer's wagon attached collided with and overturned a large covered wagon belonging to Jacob Dangler, the Myrtle avenue pork packer, at the corner of Walworth street, of that city. Fortunately no damage was sustained, although it was suggested that a noticeable "drop in pork had occurred on the floor."

** Our Brooklyn friends, Rocker & Denninger, of Stuyvesant and Monroe streets, have made several up-to-date improvements, and beside the usual supply of provisions, are selling fish and oysters, and will contemplate shortly the handling of fruits and vegetables. The push and energy of these young men could well be copied by some of the older establishments in that city.

** The Gansevoort Freezing and Cold Storage Company, of this city, intend, it is said, to erect a very large and extensive cold storage building near its present premises.

** A number of fish and oyster dealers who bring their goods to New York contemplate the erection of a large cold storage building in New York City.

** William J. Smith, of West Thirty-fifth street, has fitted up a shop in Maspeth, L. I., for Butcher Heckler.

** Butcher Frederick H. Ruck, of 1088 Second avenue, has retired from business.

** Jacob Winkler, of 446 West Thirty-eighth street, is selling out his butcher business and will engage in the liquor business.

** J. C. Doty, who succeeded J. C. Hayward, of the Rutland Beef Co., 1576 Third avenue, has consolidated his business with that of the Amsterdam Beef Co., under which latter name it will be known in the future. The company has five shops, two on Amsterdam avenue, two on Ninth avenue and one on Third avenue.

CERTIFICATE OF ANALYSIS. MESSRS. B. HELLER & CO., Chicago.—We have analyzed and tested your Zanzibar Carbon and have found the same to be free from any injurious substances and also to be well adapted for the purposes for which you recommend it. We therefore do not hesitate to endorse the use of same to the meat and provision trades. Yours very truly,
 THE NATIONAL PROVISIONER ANALYTICAL LABORATORY,
 Official Chemists to the New York Produce Exchange.
 H. E. STURCKE, Ph. D. Chief Chemist.
 NEW YORK, AUG. 14TH,
 1896.

ZANZIBAR-CARBON

TRADE-MARK REGISTERED

.. WE ..
 FIGURE THIS WAY.

All we want is an opportunity to convince you that it is to your advantage to use Zanzibar Carbon, and kindly ask you to write for Sample, Catalogue and other coloring matter. Price List. Those who have tested Zanzibar Carbon, prefer it to all other coloring matter.

B. HELLER & CO., MANUFACTURING CHEMISTS,
 249-253 S. JEFFERSON ST., CHICAGO, ILL.

Sample and 60 page book on coloring meats and sausages, FREE.

•• Established 1868 ••

**S. OPPENHEIMER
& CO.**

Manufacturers and
Importers of

**Sausage
Casings**

OF EVERY DESCRIPTION.

Importers and Dealers in

SPICES.

**Sausage
Makers'
Specialties.**

ALL KINDS OF

MACHINERY

96 and 98 Pearl Street

NEW YORK

449 Wabash Avenue

CHICAGO

47 to 53 St. John Street

LONDON

15 Katnarinen Strasse

HAMBURG

Cleremont Terrace

WELLINGTON

BERTH LEVI & CO.,

89 PEARL STREET, NEW YORK.

19 MICHIGAN AVENUE, CHICAGO.

HOG AND BEEF CASINGS.

Importers of English, Russian and New Zealand Sheep Casings.

BEST GERMAN POTATO FLOUR.

FOOD PRESERVATIVE (DRY ANTISEPTIC).

TELEPHONE No. 1251 BROAD...

BECHSTEIN & CO.

SAUSAGE CASINGS

New York: 12 Coenties Slip.

Chicago: 73 Market Street.

London: 118 Great Suffolk Street.

Illinois Casing Company,

Cleaners and Importers of

Sausage Casings,

102 Michigan Street,

Chicago.

VORNBERGER, HIRSCH & CO.

(Limited),

MANUFACTURERS AND CLEANERS OF PRIMEST QUALITY

610 West 39th Street, NEW YORK.

5 Cowcross St., LONDON. 48 Market St., GLASGOW.

19 St. Andrew St., LIVERPOOL.

Established throughout Great Britain and Germany.

ONE QUALITY ONLY.

**Sheep Casings,
Cattle Cuts,
Hog Casings.**

"THE BEST."

CASINGS

WEIL'S CASING COMPANY,

626-630 HOWARD ST., BUFFALO, N. Y.

Cleaner of and Dealer in

all kinds of

SAUSAGE CASINGS.

Best Spices, Saltpetre and Potato Flour.

JOSEPH BACHARACH, SAUSAGES.

347 GREENWICH ST., NEW YORK.

Established 1876.

Telephone, 586 Franklin.

Importer and Exporter of
GERMAN, FRENCH, ITALIAN AND
FINE WESTERN.

SPICES

PLAUT & STRETCH,

Importers and Jobbers of SPICES,
"PURITY SPICE MILLS."

80 Pearl Street, NEW YORK.

Supplies for the Packing, Provision and
Sausage Making Trades a specialty.

QUOTATIONS AND SAMPLES SENT TO ANY ADDRESS.

**WOLFSKEHL, MEYERS & CO., SAUSAGE
CASINGS.**

134 PEARL STREET, NEW YORK.

F. BECKER & CO.

Manufacturers of BEEF and HOG CASINGS

and Dealers in IMPORTED SHEEP CASINGS.

Also, all kinds of BUTCHER SUPPLIES.

Factory, Union Stock Yards.

Telephone Yards 665.

SALTPETRE

CRYSTALS, GRANULATED AND POWDERED.

KNOWLES BROS.

181 Pearl Street, New York.
REFINERS.

NEW YORK CITY ITEMS. (Continued.)

Mr. Nicholas Wolf, of Wolf, Sayer & Heller, was in Boston this week.

A competent bookkeeper and cashier can obtain a position. See page 46. A first class butcher is also wanted. Particulars on the "Help Wanted" page, page 46. By the way, did you ever try a little for sale ad., a help wanted ad., or a position wanted ad. on this page? You'd be astonished at the results.

Supplementary Reports.

PROVISIONS AND LARD.
(Continued from Page 9.)

The option markets Thursday in Chicago were steady, firm, early on moderate hog supplies and fair demand from shorts, but the receipts of hogs "cut little ice" now, and the renewed break in wheat date in day affected products more than the price of hogs, and closed unchanged to easier, on options. New York ditto on spot, with no business reported, except in pork (300 bbls.), at old prices. Lard nominally 4.17½ for Western, with neither refining nor export demand reported; city, 100 tcs., 3.65, and meats selling only in job lots. There was more free selling by the longs in Chicago, and that helped the weakness. Lindblom selling one line of 5,000 bbls. pork. Packing West for week was 470,000 hogs, last week 480,000, two weeks ago 465,000, and a year ago 375,000, or 95,000 increase. Packing since Nov. 1 4,975,000, last year 5,430,000, or 455 decrease.

Friday's markets West were 10c. up on pork, 3¢ at 7½c. on ribs and lard, on small run of hogs and light offerings of products, with some covering of shorts on the idea that there may be a rally with wheat after the recent heavy liquidation in the latter and fall in hog products. Chicago closed 7½c. up for day on pork, 2½¢ at 5c. on lard and ribs. Total hog receipts West 56,000. Spot business New York 300 bbls. pork, which is a little more than doing till Thursday for a good time? 125 tcs. Western lard, in lots, quoted 4.12½ on spot, dock lots, while 4.25 would be the cost and freight price from Chicago; city held 3.65, 3.60 bid, with no demand for Western home or export of any consequence; 1 car tank lard, 3.85. We quote closing New York prices.

Lard—Western, 4.12½ at 4.17½; fancy, 3.60

@3.65; tank Western, 3.85; refined, Continent, 4.50; South America, 4.75; Brazil, kegs, 5.90; compound, 4¼¢ at 4½¢ for city and 4¼¢ at 4½¢ for Western; neutral, 5 West and 5¼ New York. Pork—\$8.50 at \$8.75 for mess, \$8.75 at \$9.75 for family, including city, and \$8.75 at \$9.75 for clear.

City pickled shoulders, 4¼¢ at 4½¢; pickled hams, 8¼¢ at 8½¢; 10-lb rib bellies, 4¼¢; clear boxed, 4¼¢ at 4½¢; 12-lb rib bellies, 4¼¢; 13-lb, 4¼¢, loose. In Chicago, 16-lb green hams, 7½¢ at 7¾¢; 14-lb, 8¼¢ at 8½¢; 12-lb, 8¼¢ at 8½¢; 16-lb S. P. do, 8¼¢; California S. P. hams, 5½¢; New York S. P. shoulders, nominal; green New York city hams, 12-lb, 8¼¢; 10-lb, 8¼¢; green bellies, 4¼¢ at 4½¢ for the range.

Corned and roast at \$1.05 at \$1.15 for 1-lb cans; 2-lb cans, \$1.85 at \$2; 4s, \$3.75; 6s, \$6; 14-lb, \$14; mess, \$7 at \$8; packet, \$7.50 at \$9; family, \$9 at \$11; extra India mess, in tcs., \$13.50 at \$15; hams nominal at \$16.50 asked West for new; cost and freight here, \$17.50 at \$18 asked; job lots, \$18. Tongues—\$20 at \$25 for large and \$18.50 at \$20.50 for small.

TALLOW AND STEARINE.

(Continued from Page 11.)

Thursday's markets continued as dull as ever on tallow, 3½¢, the best bid, 3½¢, asked, and 100,000 lb country at quotations, with more than wanted offered, and accumulations back waiting demand. Nothing doing, and no change reported in other staples. No steamer arrived in Rotterdam last week until Friday this week, with oleo oil, hence no market. Friday's markets were dull and unchanged so far as reported up to the close, except 50,000 city oleo stearine, N. Y., 4¼¢.

We quote closing New York prices: City lard stearine, 4¼¢, asked; Western prime stearine, 4.25 asked; oleo stearine, city, 4¼¢ at 4½¢; yellow grease stearine, 3¼¢; white, do., 3¼¢; tallow stearine nominal; oleo oil at New York, 7c. for No. 1, 5¼¢ at 6c. for No. 2 and 5c. for No. 3; at Rotterdam, 40 florins; oleo stearine at Chicago, 4¼¢; yellow grease stearine, 3¼¢; white do, 3¼¢, nominal. City tallow, 3¼¢, bid and 3¼¢, asked; country, packages free, 3¼¢ at 3½¢, as to quality; edible, 3¼¢ at 4¼¢, for country and city. Chi-

cago prices are: Prime packers', 3¼¢; country, 3¼¢ at 3½¢; No. 2, 2½¢ at 2¾¢. Greases—Brown, 2¼¢ at 2½¢; yellow, 2½¢ at 2¾¢; white, 3¼¢ at 3½¢; bone and soap, 2¼¢ at 2½¢. At Chicago: 3¼¢ for A white, 3c. for B. white, 2½¢ for yellow, 2¼¢ at 2½¢ for brown and 2¼¢ at 2½¢ for bone.

COTTONSEED OIL.

(Continued from Page 17.)

Thursday's markets were nominally unchanged North and South, with selling of refined at old prices, and buyers of crude in tanks at Wednesday's decline to 15½¢, for Eastern refiners. Western ditto reported quiet. Friday's markets were nominal, as a rule, without buyers or sellers of any amount at quotations of the week.

Cottonseed, crude, prime.....	a 20
" " loose, f. o. b. mills.....	15½ a 17
" Summer yellow, prime, spot....	a 23
" " off grades.....	22½ a 22¾
" Yellow, butter grades.....	26 a 27
" White, prime.....	a 26

LIVERPOOL QUOTATIONS.

Liverpool, Jan. 29—4:15 P. M.—Bacon easy; demand poor; Cumberland cut, 28 to 30 lb, 27s.; short rib, 20 to 24 lb, 25s. 9d.; long clear light, 35 to 36 lb, 26s.; long clear heavy, 40 to 45 lb, 25s.; short clear backs, light, 18 lb, 25s.; short clear middles, heavy, 45 to 50 lb, 23s.; clear bellies, 14 to 16 lb, 26s. Shoulders—Square, 12 to 18 lb, 26s. Hams—Short cut, 14 to 16 lb, 40s. 6d. Tallow—Fine North American, 18s. Beef—Extra India mess, 61s. 3d. Pork—Prime mess, fine West-46s. 3d.; medium Western, 40s. Lard, quiet; prime Western, 21s.; refined in pails, 22s.

CONSULT US.

We can help you out when you want to raise your glycerine yield; when your cottonseed cake and meal are oily and black; when your hides get "rusty" and "spotty;" when the leather in your rats "goes black;" when you think you are using too much bark.—The National Provisioner Analytical Laboratory.

Horse Casings Wanted

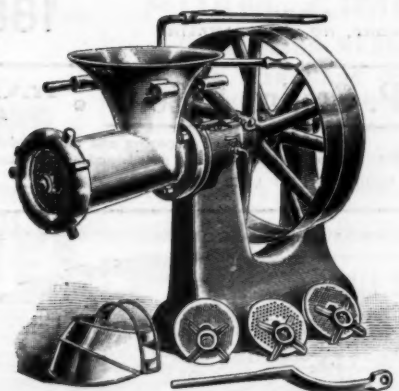
SEND OFFERS TO
KACHELMACHER & BÖHMER,
174 Chambers St., New York.

.... The
Enterprise

Capacity fifty per cent.
greater than the same
size of the old pattern.

Absolutely Noiseless
as there are no gears.

NEW POWER MEAT CHOPPER



Tinned

No. 56 Corresponds in size
with our No. 52 \$100.00
No. 66 Corresponds in size
with our No. 62 \$225.00

Knives and plates
last twice as long.

The Enterprise Manufacturing Company of Pa.

Send for Illustrated Descriptive Circular.
Consult your Supply House.

Station Q, Philadelphia, Pa., U. S. A.

SWIFT AND COMPANY, CHICAGO.

MANUFACTURERS HIGH GRADE

SUMMER SAUSAGE

FOR DOMESTIC AND EXPORT TRADE.

CERVELAT
SALAMI.

QUOTATIONS UPON APPLICATION.

HOLSTEINER
FARMER.

Cable Address: "ESSBEEF."

Telephone: No. 436, JERSEY.

Jersey City Packing Company,

BEEF AND PORK PACKERS. CURERS AND EXPORTERS OF AND DEALERS IN FINE PROVISIONS. REFINERS OF LARD.

Manufacturers of "White Star" Brand of Lard. "Eagle" Brand of Hams and Breakfast Bacon. "Peerless" Brand Sausages.

BEEF AND PORK PACKED SPECIALLY FOR ALL CLIMATES.

Salesrooms and Packing Houses: 138-154 9th St., JERSEY CITY, N. J.

NORTH PACKING and PROVISION CO. PACKERS AND JOBBERS OF PROVISIONS

Highest Award, Diploma and Medal, at World's Fair, for Pure Lard, Hams, Bacon, Bbl. Pork, Neutral Lard, Sausages.

PURE LEAF LARD, 3, 5, 10-LB. PAIL TUBS, TIERCES.

33 & 34 N. MARKET STREET, BOSTON.
444, 446 & 448 PRODUCE EXCHANGE, N. Y. CITY.

Try their North Star Brand for something extra choice. Sure to please.

PACKING HOUSE, - SOMERVILLE, MASS.

FREDERICK BOHNET, GENERAL PROVISION DEALER,

Established 1850.

TELEPHONE, NO. 992 FRANKLIN.

188 & 190 MONROE ST., NEW YORK.

ORDERS PROMPTLY ATTENDED TO,
CITY OR COUNTRY.

John P. Squire & Sons' HAMS AND BACON

ARE THE FINEST IN THE WORLD.

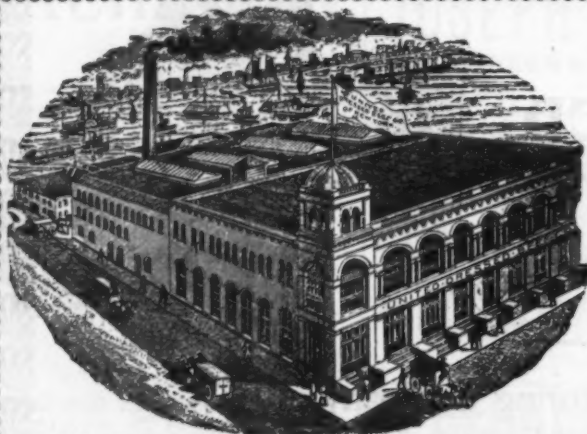
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HIGHEST PRICES PAID FOR SHOP FAT AND KIDNEY SUET.Beef Casings, Dried Blood, Fertilizers, Oleo Oils, Stearine,
Prime City Tallow, Ground Bone, Horns and Cattle Switches,
Selected Hides. All Grades Salted Beef.43d & 44th STREETS,
FIRST AVE. and EAST RIVER, NEW YORK.ISAAC BLUMENTHAL, President.
LEWIS SAMUELS, Treasurer.ADOLPH EDELMUTH, Vice-President.
LEWIS A. LONDON, Secretary.

WANT AND FOR SALE ADS, can be found on PAGE 46.

NOTES ON THE AUSTRALIAN AND NEW ZEALAND MEAT EXPORT TRADE IN 1896.

(By James Troubridge Critchell.)

The operations of 1896 cannot be regarded as satisfactory by the exporter of frozen mutton and beef in Australasia. Considering the length of time that has elapsed since the inauguration of the trade, the money invested in freezing works in the colonies, cold stores in Great Britain, and insulated space on the meat carrying fleet, and the enormous amount of attention paid to developing the industry by practical people on both sides of the ocean, it certainly must be a great disappointment for the various people interested to see such poor results. At times the frozen meat mar-

ket has shown signs of stagnation for which it is difficult to fully account. An increase on the whole has taken place in the volume of trade done, the exports of frozen sheep from Australia, mostly merino mutton, for the first part of the year were phenomenally in excess of the figures for the same period in 1895. The frozen meat trade from Jan. 1 to Sept. 30, according to the report of Messrs. W. Weddell & Co., reads as follows: New Zealand, 1,896,542 carcasses; Australia, 1,116,037 carcasses; beef (chiefly from Queensland), 222,644 quarters.

The comparison between 1895 and 1896 for the nine months show a loss of about 150,000 sheep from New Zealand, and a gain of almost half a million from Australia; frozen beef, but little change. New Zealand made such a substantial increase in 1895 that it is rather surprising to note the falling off to Sept. 30 this year, which may be taken, I suppose, to signify that the trade has not proved remunerative of late. It is an unfortunate thing for the colonists that, as the frozen meat trade develops, prices in the open market dwindle. The courage of the colonists in continuing to develop the trade will be realized in the perusal of the following figures, the average top prices in Smithfield since the beginning of the year, and it must be remembered that only a small part of the trade is done at these top prices: Canterbury mutton, 3½d. per lb; Australian, 2½d. per lb; beef (hindquarters), 2½d. per lb.

The question arises, how can it pay to do business at such rates? Latest quotations of live stock, from the Australasian Pastoralists' Review, the squatters' paper, gives these figures:

Prime cross-bred wether sheep, Christchurch, N. Z., 17s. 6d. to 20s.; prime cross-bred wether sheep, Sydney, 13s. 6d. to 15s. 9d.; prime merino wethers, 13s. to 14s. 9d.; best bullocks, Brisbane, Queensland, £4; best bullocks, Melbourne, £11.

Undoubtedly, the most satisfactory, paying and promising department of the trade is the New Zealand lamb, which has great vogue in London and other parts during the spring and summer; the imports from January to Sept.

30 were 800,000. Pushed vigorously, Britishers may eventually come to eat lamb all the year round, even without mint sauce. The Canterbury lamb is a compact, meaty carcass, favored by butchers; wholesale top prices for the season have averaged 4½d. per lb, 6d. being reached in February.

(Concluded next week.)

NEW YORK PRODUCE EXCHANGE NOTES.

(See page 15 also.)

In membership tickets there is no business doing, and prices remain unaltered since last sale.

Mr. Carl Dreier leaves for Europe on the 17th of February, on his usual trip. On this occasion the traveling period will be extended, and every important commercial center in the United Kingdom and Europe will be visited by him. Mr. Dreier will carry with him the good wishes, as he does the esteem, of his many friends and business associates.

The following gentlemen were visitors on 'Change this week: G. H. Cotton, Boston; S. Alcorn, Philadelphia; Carl Levi, Chicago; I. Richards, Chicago; A. W. Chandler, Philadelphia; Paul Tietgens, Chicago; I. L. Parry, Chicago; D. M. Irwin, Chicago; T. Schwarz, Buffalo; F. Finckott, Buffalo; I. C. Church, Duluth.

The following have been proposed for membership: Carl Franklin Bond, Ludwig Stettheimer and William Spencer, of W. T. Spencer & Son, coopers and inspectors.

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I do a strictly Purchasing Business. I will not handle any sale stock under any consideration, consequently I have but one interest in the market, THAT IS to keep prices as low as possible.

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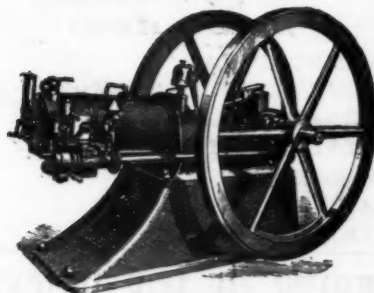
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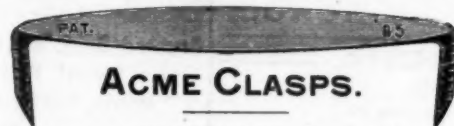
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SIMPLE.

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Murray Hill Beef Co., Foot East 31st st.
Centre Market Beef Co., Cor. Centre and Grand sts.

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Meats, Kettle-Rendered Lard,
etc.

We are in the great Iowa cattle and hog belt and think we can do you some good.

TRI-CITY PACKING & PROVISION CO.

Manufacturers and Jobbers,
DAVENPORT IOWA.

1857-1897.

Rohe & Brother, New York, Reach the Fortieth Year of the Establishment of their Business.—The Ball of the Employees Celebrated the Auspicious Event as well as the Sick Benefit Association's Tenth Anniversary.—Facts about the Firm and of the Ball.

The ball of the Sick Benefit Association of the employees of Rohe & Bro., held last Saturday evening in the Lexington Avenue Opera House, served the double happy purpose of celebrating the tenth anniversary of their organization and of the fortieth anniversary of the establishment of the business of the firm.



MR. FLORIAN ROHE.

Forty years ago Mr. Charles Rohe and his brother, Mr. Florian Rohe, engaged in business in Eighth avenue, between Thirty-first and Thirty-second streets, New York, under the firm name of Rohe & Bro.

They carried on, not on a very elaborate scale, the manufacture of bologna. From this small beginning the business of the firm of Rohe & Bro. has steadily advanced during the past year, owing to the wise and conservative policy and the keen business ability of its managers.

With such a commendable and sensible determination, it was not long before Messrs. Rohe & Bro. had abandoned their old stand for larger and more commodious quarters at 264-268 West Thirty-second street, where, at the present time, is the main office and store of the firm. The business steadily grew, and the demand for more facilities increased, and to-day the firm has a plant complete and well-equipped, rivaling any Eastern establishment, and of which it is justly proud.

In 1870 the present packing house and lard refinery in Thirty-sixth street was built, and



MR. CHARLES ROHE.

street, and its products in this line gained at once the commendation of all who bought and used them. In such a large business as this firm conducts no small number of horses and trucks is required, and these are housed in a roomy stable (which is also used as a storehouse), at 543-549 West Thirty-fifth street, the building extending through to 500 West Thirty-sixth street.

About eight years ago Mr. Charles Rohe, one of the founders of the house, died, and his son, Mr. Charles Rohe, Jr., became a member of the firm. Mr. Florian Rohe, the surviving partner, and Mr. Charles Rohe, the former's nephew, now comprise the firm. The senior partner still attends to buying of supplies, but while not by any means inactive or indifferent to the firm's interest, naturally leaves matters largely in the hands of his nephew.

Mr. Rohe, Jr., has the happy faculty of grasping the details of a plan at once, and possesses the executive ability to see it pushed rapidly to completion.

The portrait of Mr. Rohe, presented above, does not unfortunately do him justice. Owing to that gentleman's modesty, which is one of his cardinal virtues, the matter of securing a likeness from which to have a satisfactory engraving made, was by no means an easy task, and the one obtained, which, perhaps was a

tends the manufacture of their goods. Very valuable assistance is given to the firm by Messrs. Albert and Oswald Rohe, sons of Florian Rohe, who are occupied in various capacities in the store and main office at Thirty-third street. The slaughtering and killing part is superintended by Messrs. Charles King and J. Love, who have an interest in that part of the business, and are so well and favorably known throughout the trade that they do not need any further comment at our hands.

In presenting this brief sketch, it is fitting that we should mention some of the faithful employees, upon whom the firm relies to carry out its plans, and to whose efforts certainly a part of the great success of the firm is due.

There is, in the first place, Mr. Thomas Dougherty, whose place is in the main office in West Thirty-third street, and who is Mr. Charles Rohe's confidential clerk or private secretary, and there is Mr. Lyndon Arnold, who is in charge of the firm's export office at 344 Produce Exchange. In the packing house there is Mr. Jacob Fowler, who is the firm's right bower, so to speak. He has general supervision over the packing house in the absence of Mr. Julius Rohe. Mr. William McCartney, a refiner of reputation and with a great deal of expert knowledge, superintends the lard refinery. Mr. R. Trabold is in charge of the meat packing department. Mr. Loeb attends to buying of the beef, which has made a name for the house in all parts of the world, and Mr. William Hengsterfer looks after the soap factory. A veterinary surgeon, Dr. H. Jacobus, is in charge of the stables, while Mr. J. Weiss looks after the interests of the Thirty-third street store.

In conclusion it may be said that the secret of the success of Rohe & Bro. is the splendid business ability which characterizes its movements and the bond of fraternity which exists between employers and employees.

THE BALL.

The ball proved to be a most delightful and successful affair. The entire office staff of the house of Rohe & Bro., from the office boy to their traveler and salesman, was present, while the large force of employees, numbering many hundreds, together with their wives and sweethearts, were delighted participants in the night's proceedings, all actuated by a loyal regard for the interests of the firm.

Not a little of the success of the night was due to the untiring efforts of Mr. Florian Rohe, Mr. Charles Rohe and Mr. Julius Rohe in entertaining their numerous guests, while to the executive ability of Mr. Jacob Fowler, who guided the successive events in the main hall, among the many employees and their friends, great credit is also due.

Among those present were Mr. Harry McLean, Miss Flo Lang, Alderman J. P. Windolph, ex-Assemblyman Seth Wilks, Mr. G. Hermann, Mr. and Mrs. Ph. E. Haag, Mr. M. Tracey, Mr. Van Bremen, Mr. James McCreug, Mr. William Schwenker, Mr. H. Loeb, Mr. E. C. Lee, Mr. H. Graf, Mr. William Breithaupt, Mr. L. Arnold, Mr. Robert Ganz, editor of "The National Provisioner," Mr. John Bannon and Mr. J. A. Cameron, also of "The National Provisioner," Mr. Thomas Kanter, United States stock examiner; Mr. T. C. Lougherty, Mr. Jose Menendez, Mr. M. I. Davis, of the Manhattan Beef Co.; Mr. L. Fink, the well-known brewer, together with Mr. I. Love, Mr. P. Hattemer, Mr. and Mrs. El. Rohe, Mr. and Mrs. Charles Rohe, Mr. and Mrs. Banerdorf, Mr. and Mrs. Kranich, Mr. and Mrs. J. Halk, Mr. and Mrs. Weydanz, Mr. and Mrs. James Curran, Mr. and Mrs. Budenbush, Mr. and Mrs. Diefenthaler, Mr. and Mrs. R. M. Kimbel, Mr. and Mrs. James Fagan, Mr. and Mrs. Henry Schwarzwald, Mr. and Mrs. A. Fink, Mr. and Mrs. M. Friedgen, Mr. and Mrs. Philip Hattemer, Mr. and Mrs. Dr. Helbig, Mr. and Mrs. G. Siemer, ex-Alderman I. Terrel, Hon. Charles A. Flammer, Mr. Oswald Rohe and Miss L. Betz.



THE PACKING HOUSE AND LARD REFINERY.

has been added to a number of times since that date. The building is a substantial one of brick, and extends from 533-543 West Thirty-sixth street, to 534-540 West Thirty-seventh street. The abattoir is located at the foot of Fortieth street, North River, and occupies four lots, so that some idea may be gained of its commodity, with its attendant slaughtering facilities. The firm conducts a soap factory at 504 West Thirty-eighth

fair portrait of him some years ago, is to-day not a picture that does justice to Charles Rohe. No one, perhaps, will be more surprised than he himself when he sees his portrait in this issue of "The National Provisioner," and it is put there with due apologies and assurances of good will.

Mr. Charles Rohe is assisted in his arduous labors by his brother, Julius, who attends to all details of the packing house and superin-

ROBERT GANZ.

H. E. STURCKE, Ph. D.

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CHROME YELLOW.
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ALCOHOL.
Grain.
Wood.
VINEGAR.
SODIUM SULPHITE AND OTHER SULPHITES.
ALUM AND ALUMINUM SALTS.
LIME.
PRESERVATIVES IN GENERAL.
SPICES.
Pepper.
Coriander, etc.
DEXTRINE.
STARCH.
Corn.
Potato.
Tapioca.
Water.
BOILER COMPOUNDS OR PURGERS.
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Greases.
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AXLE GREASE.
BELT CEMENTS.
BELT GREASES.
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SAUSAGE MAKERS' INGREDIENTS.
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Bologna Anti-Shrinkage Compound.
Blood Color.
FULLER'S EARTH.
PEARL ASH.
SILICATE OF SODA.
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SALT PETRE.
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Lump.
Crystal.
BORAX.
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Hardness.
Titre.
Free acid impurities.
Uses.
Refining quality.
NON-EDIBLE TALLOW—For above tests.
TALLOW OILS. } Cold test.
NEATSFOOT OILS. } Free acid.
 } Gen'l impurities.
BONE TALLOW.
Hardness or titre.
NEATSFOOT STOCKS.
Hardness or titre.
WOOL GREASE.
General impurities.
Free acid.
Fleshing grease.
Oleo and Mutton Stearines.
For lard and compounds. Water.
Hardness. } Free acid.
For Tanners. } Impurities.
Oleo Oil and Neutral Lard.
For Color, Flavor.
Odor, etc.
Hardness, Free Acid, Water.

Lard Products.
PRIME STEAM for Water, Impurities.
For Free acid.
Hardness.
Color.
Taste.
Odor.
Cotton oil.
Beef or other tallow.
Keeping quality.
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Kettle Lard.
For above tests.
Lard Stearine.
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For Cotton oil.
Tallow.
Water.
Hardness.
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Climate influence.
Color.
Taste.
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Lard Substitutes.

Hog Grease.
Yellow and brown for Water.
For Hardness.
Free acid.
Probable oil.
Yield in pressing.
Bleaching quality.

Pickles and Brines.**Sausages.****Beef Extracts and Beef Fluids****Pepsin, Pancretin and Other****Ferments. Glues.**

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Bone glue.
Hide stock glue.
Clear glue.
Foaming glue.
Strong and weak glues.
Painted or colored glues.
Paper maker's glue.
Paper box glue.
Cabinet glue.

Butterines and Butter.

Creamery.
No. 1 Grade.
No. 2 Grade.
Butterine.
Cotton oil.

Cotton Oil.

CRUDE for Free acid.
Water.
Insoluble or mealy matter.
Probable loss in refining,
and what suitable for.

YELLOW.

For Color, Flavor.
Cold test, etc.
Soapmaking.
Lard refining and cooking compounds.
Miner's and brewer's lamp oil.

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For Color, Flavor.
Cold test, etc.
Soapmaking.
Lard refining and cooking compounds.
Miner's and brewer's lamp oil.
Salad oils.

"FOOTS" OR TANK BOTTOMS.

For Oil.
Mealy matter and water.
"FOOTS" OR SOAP STOCK.

For Water.
Total fatty acids.
Mealy matter.
Free oil or free soda.
COTTONSEED MEAL AND CAKE.
For Water.
Ammonia.
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Fertilizers.

Including
Steam bone.
Raw bone.
No. 1 or 2-20 tankage.
No. 2 or 1-30 tankage.
Green or pressed and undried tankage.
Blood.
Tank water or "Stick."
Concentrated tankage.
Complete fertilizers.
Hoof meal.
Manure.

Wool.

For Shrinkage in scouring.
Water.
Dirt.
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For WATER, STEAM, RAW-BONE, TANK, PHOSPHATE, POLISH, etc.

An official certificate will be given with every Analysis made.

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We shall be pleased to quote figures on every test or analysis on any of the above articles or several of them. We will make arrangements for regular weekly analysis of oils, fertilizers, lard or any other product.

Will also give particulars regarding size and weight of samples desired.

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LARD and COMPOUND
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COMMISSION MERCHANT,

66 and 167 Palmerston Buildings, LONDON, E. C.

(Proprietor of THE AUSTRALIAN TRADING WORLD)

Will undertake any Commissions for the purchase of English goods.

Samples of Cutlery, etc. furnished by parcel post on receipt of remittance to cover cost.

Orders must be accompanied with cash or its equivalent.

CHICAGO BOARD OF TRADE

Send for our "Exposé of Bucket Shops," Market Letter, Speculative Manual and Market Statistics of 23 years, all free.

Write the Secretary of the Chicago Board of Trade as to our responsibility.

C. A. WHYLAND & CO.,
Bankers and Brokers,
Established 1880, 20 Pacific Ave., Chicago

HENRY ELLSWORTH & CO., PORK PRODUCT.

Exporters of Provisions, Lard, Oils, Greases, Etc.

We have unequalled facilities for handling orders for ALL KINDS of green and cured meats.

CORRESPONDENCE SOLICITED.

Members Chicago Board of Trade. 637-638 Rialto Building, Chicago. Cable Address, Ellsfield, Chicago.

NORTON & WORTHINGTON,
BROKERS, No. 3 Chicago Board of Trade, CHICAGO.

Execute Orders for the Purchase or Sale of
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FOR CASH OR FOR FUTURE DELIVERY.
Correspondence Invited.

DAVID C. LINK,
General Commission
AND
Export Broker.

411 PRODUCE EXCHANGE
NEW YORK.

OLEO STEARINE A SPECIALTY.

WHEAT AND PORK.

Everything in the situation justifies much higher prices for wheat and pork and we advise buying on any breaks for good long pull.

Write for information, Market Letter and Reference Book, free.

EVERINGHAM, LYNCH & CO.,
No. 110 BOARD OF TRADE, CHICAGO.

RICHARD MCCARTNEY,
BROKER, PACKER HIDES,
Stearine, Tallow, Sheepskins, Cottonseed Oil,
Fertilizing Materials, Bones, etc.
Correspondence solicited.
Information cheerfully given. Kansas City, Mo.

REJECTIONS.

J. D. W. CLAUSSEN,
Handler of Rejected Meats.

CONSIGNMENTS SOLICITED.

Prompt Returns and
Satisfaction Guaranteed.

Best of Reference Given on Application.

27 Market St., CHARLESTON, S. C.

BANKING HOUSE OF

HENRY CLEWS & CO.

11, 13, 15 & 17 Broad St., New York.

MEMBERS OF THE N. Y. STOCK EXCHANGE.

Orders for Stocks, Bonds, Grain and Cotton executed for investment or on margin. Interest allowed on deposit accounts. Act as Fiscal Agents for corporations.

A Five Dollar Safe IN THE
PRODUCE EXCHANGE VAULTS,
NEW YORK CITY.

Will hold a large number of Deeds, Mortgages, Insurance Policies, Bonds, Stocks and other valuable papers. **INSPECTION INVITED.**

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Exporters of Provisions, Lard, Oils, Greases, Etc.

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FOR CASH OR FOR FUTURE DELIVERY.
Correspondence Invited.



Neutral Lard, Cottonseed Oil & Fats a Specialty.

ROBT. H. KELLY & CO.,

Grain, Provisions, Stocks and Cotton.

Member Chicago Board of Trade since 1879.

THE POSSIBILITIES

For money making are unusually good at the present time, and the extremely low prices now prevailing should be taken advantage of by the investor. Our handbook and daily review of the market sent free upon request. "Facts and Figures," the best and most complete book published pertaining to the speculative business, sent to any address for 10 cents in stamps. Always glad to correspond with any one concerning the markets and cheerfully furnish any information wanted in regard to same. Favor us with a share of your business and you will not regret placing your orders through our house.

ROBT. H. KELLY & CO.,
Gen'l Offices, Entire 10th Floor, 226 LaSalle, Chicago.

GEO. A. SHAW & CO.,

BROKERS,

Merchandise and Provisions,

28 WEST 2d STREET,

CINCINNATI, OHIO.

Cincinnati Representative of THE NATIONAL PROVISIONER.

H. SCHEIDEBERG,

(Established 1873)

Manufacturer of and Dealer in all kinds of

SAUSAGE CASINGS AND DIRECT IMPORTER OF
English Sheep Casings.

Best Sausage Casings of Every Description.

624 W. 48th St.. NEW YORK

COTTON OIL BOOK.

We are publishing treatises on the Manufacture of Cotton Oil, concise and to the point. Only \$2 a copy. They are being ordered rapidly. Send in your order before the edition will be exhausted.

CHARLES GROLL,

DEALER IN

FAT AND CALFSKINS,

Also Plate, Naval and Prime Beef,

548 W. 40th St. (Bet. 10th & 11th Aves.) NEW YORK.

WHAT'S THE MARKET

ON ...

HIDES

SKINS

PELTS

TALLOW

GREASE

SEND for free copy of our paper. Market Reports each week from Chicago and all leading markets.

Pays to keep posted.

....

Hide and Leather,

154 LAKE STREET, CHICAGO.

SAUSAGE CASINGS.

Sheep, English, wide per keg.....	32 00
" " per 1/2 keg.....	17 00
" " medium, per keg.....	25 00
" Australian, per lb.....	30 a 40
" New Zealand, wide.....	30 a 40
" domestic, per keg.....	20 00
Hog, American, tcs, per lb.....	14
" " bbls., per lb.....	14
" " 1/2 bbls., per lb.....	15
" " kegs, per lb.....	16
Beef guts, rounds, per set.....	15
" " per lb.....	3 a 4
" " bungs, per piece.....	7
" " per lb.....	5 a 6
" " middles, per set.....	40
" " per lb.....	7 a 8
" weasands, per 1,000.....	4 1/4 c. per 100

BUTCHERS' SUNDRIES.

Fresh Beef Tongue.....	45 to 60c
Calves' heads, scalded.....	35 to 40c a piece
Sweet breads.....	30 to \$1 a pair
Calves' livers.....	30 to 60c a piece
Beef kidneys.....	8 to 10c a piece
Mutton kidneys.....	3c a piece
Livers, beef.....	25 to 50c a piece
Oxtails.....	6 to 8c a piece
Hearts, beef.....	11 to 5c a piece
Rolls, beef.....	10 to 11c a lb
Butts, beef.....	6 to 8c a lb
Tenderloins, beef.....	16 to 20c a lb
Lamb's loins.....	7 to 8c a pair

GREEN CALF SKINS.

Veal Skins, No. 1.....	13
Veal Skins, No. 2.....	11
Buttermilks, No. 1.....	11
Buttermilks, No. 2.....	9
Kips, No. 1, Heavy, 18 lbs. and up.....	1.90
Kips, No. 1, Light, 14 lbs. and up.....	1.60
Kips, No. 2, Heavy.....	1.60
Kips, No. 2, Light.....	1.25
Buttermilk Kips.....	1.20
Branded Kips.....	1.00
C. S. No. 3.....	40
Bobs.....	25

BONES, HOOFS, HAIR AND HORNS.

Good country h's cuttings per lb.....	1 1/2 a 2
Sinews, green.....	3/4 a 1
" dry.....	2 1/2 a 3 1/4
Bones, dry and clean, 2000 lbs.....	14 00

CHEMICALS AND SOAP MAKERS' SUPPLIES.

74 per cent. caustic soda, 2.10 for 60 per cent.; 77 per cent. caustic soda, 2.20 for 60 per cent.; 60 per cent. caustic soda, 2.30 per lb; 98% powd. caustic soda, 3 1/4c. per lb; sal soda, 70c. per 100 lb; carbonate of potash, 5 1/2c. per lb; caustic potash, 5 1/2c. per lb; borax, 5 1/2c. per lb; talc, 1 1/4c. per lb; Cochiti coconut oil, 6@6 1/4c. per lb; Ceylon coconut oil, 5 1/4@5 1/2c. per lb; palm oil, 4 1/4c. per lb; yellow olive oil, 56c. per gallon; green olive oil, 54c. per gallon; green olive oil foots, 4 1/2c. per lb; cottonseed soap stock, 1c. per lb; rosin, \$2.25@3 per 280 lb.

The Fertilizer Market.

NEW YORK.

An improvement in demand in several of the listed articles is in evidence. Several lots of tankage, blood and concentrated tankage have been picked up. In the South considerable activity prevails, most of the ammoniates sold being destined for that direction, although some Northern manufacturers who ship to the South have also made purchases to an appreciable extent. The demand for potash salts from the South has been almost unprecedented, and if it had not been for the strike at Hamburg, which hampers shipments, the deliveries to the South would have been from 5,000 to 10,000 tons greater. The season is earlier than usual, and for that reason many of the parties requiring potash for immediate delivery do not venture to purchase with the possibility of a delay in ship-

ment. Phosphate rock is in plentiful supply at low figures, which explains the depressed condition of the bone meal market. It is becoming known more and more that field results with acidulated phosphate rock are fully as favorable as those obtained from either raw or steamed bones. This accounts for the largely increased sales of phosphate rock and acidulated material, and correspondingly decreased demand for the bone goods. We quote.

Ground bone, fine average, per ton.....	\$20 00 a 21 00
Kainit, future shipment, per 2 000 lbs.....	8 80 a 9 25
Kainit, ex store, in bulk.....	8 70 a 9 25
Kelsner, future shipment.....	7 25 a 7 50
Muriate potash, 80 per cent., fat ship.....	1 78 a 1 81 1/4
Muriate potash, 80 p. c., ship, ex store.....	1 50 a 1 52 1/2
Nitrate of soda, spot.....	1 90 a 1 92 1/2
Nitrate of soda, futures.....	1 87 1/2 a 1 90
Double manure salt (18 a 49 per cent. less than 2 1/2 per cent. chloride), to arrive, per lb. (basis 48 per cent.).....	1 03 a 1 03 1/2
The same, spot.....	1 03 a 1 05 1/2
High grade manure salt (90 a 98 per cent. sulphate potash), to arrive (basis 90 per cent.).....	1 93 1/2 a 2 01
Manure salt in bulk, 24 a 36 per cent. per unit O. P.....	36 1/4 a 38
Bone black, spent, per ton.....	16 00 a 16 50
Dried blood, West., high gr., fine ground.....	1 75 a 1 80
" low.....	1 60 a 1 65
Tankage, per ton.....	14 10 a 15 50
Azotine, per unit.....	1 75 a 1 80
Fish scrap, wet (at factory), f. o. b.....	9 50 a 10 00
" dry.....	19 00 a 20 00
Sulphate ammonia, for gas, per 100 lbs.....	2 27 1/2 a 2 37 1/2
Sulphate ammonia, for bone, per 100 lbs.....	2 25 a 2 27
South Carolina phosphate rock, ground, per 2,000 lbs.....	5 00 a 5 25
South Carolina phosphate rock, undried, f. o. b. Ashley River, per 2,240 lbs.....	3 00 a
The same, dried.....	3 25 a 3 45

BALTIMORE FERTILIZER REPORT.

The market for ammoniates has been firm the past week, and the demand from the Southern buyers has been active.

Stocks remaining on the Missouri River are nominal. Chicago supplies are nominal, but they are beginning to feel the improved inquiry. Quotations, however, are still made at 1.47 1/2 for blood, 1.35 for hoof meal, 1.30 for concentrated tankage, 13.50 to 14.50 for high-grade tankage. Eastern manufacturers are in the market only to a small extent and at very low prices.

THE GLUE MARKET.

The consuming demand continues fair, especially on medium and high-grade hide stock glues, and the statistical position of the latter is very strong.

Foot grades in good supply, and the demand is normal for this season of the year. Foreign makes are high and neglected, no demand being in evidence.

A Extra, white.....	22c
1 Extra ".....	18c
1 ".....	16c
1 X ".....	14c
1 1/2 Hide, brown.....	13 1/2c
1 1/2 ".....	13c
1 1/2 ".....	12c
1 1/2 Bone.....	10c
1 1/2 ".....	9c
1 1/2 ".....	8c
1 ".....	7c

CUTS OF BEEF.

The principal differences in cuts of beef as to their food values are in the proportion of bone and the relative amount of water, lean and fat in the flesh. For instance, in different cuts of a side of beef of average fatness we have the proportion of bone to bone to range all the way from 3 per cent. in the top to the sirloin at 40 per cent. or more in the shank. The portion in the round, rump and brisket would be from 14 to 16 per cent., while in the shoulder clod, ribs and loin would be from 20 to 25 per cent. The proportion of water in the same materials would range from 25 to 28 per cent. in the flank and shank, from 33 to 40 per cent. in the rump, ribs and brisket, from 40 to 50 per cent. in the loin and neck, would reach nearly 50 per cent. in the round. The proportion of fat would be even more variable, being less than 10 per cent. in the shank and shoulder clod, a little over 10 per cent. in the round, between 15 and 25 per cent. in the loin socket and neck and from 28 to 40 per cent. in the ribs and rump.

CHICAGO MARKETS.
LARDS.

Prime Steam.....	37 1/2
Neutral.....	35 1/2
Compound.....	4

STEARINES.

Olco-stearines.....	4 1/4
Good request.....	

OILS.

Lard oil, Extra.....	34
" " No. 1.....	31
" " No. 1.....	27
" " No. 2.....	25
Olco oil, "Extra".....	6 1/4
Neatsfoot Oil, Pure.....	45
" Extra.....	35
" No. 1.....	31

TALLOW.

Tallow Oil.....	30
Packers' Prime.....	3 1/2
No. 2.....	3
Edible Tallow.....	3 1/2 a 3 3/4

GREASES.

Brown.....	2 1/2
Yellow.....	2 1/4
White.....	3 1/4
Bone.....	2 1/2

BUTCHERS' FAT.

Rough shop fat.....	3/4
Inferior or black fat.....	1 1/2
Suet.....	1 1/4
Shop Bones, per 100 lbs.....	20

COTTONSEED OIL.

P. S. Y., in tanks.....	23
Crude.....	20
Butter oil, barrels.....	27

FERTILIZER MARKET.

Dried blood, 16 to 17 units.....	1.50	Chgo. f. o. b.
Hoof meal, per unit.....	1.40	"
Concent. tankage, 14 to 15 p. c. p. unit.....	1.35	"
Unground tankage, 10 to 11 p. c. per ton.....	14.00	"
Unground tankage, 9 & 20 p. c. per ton.....	13.00	"
Unground tankage, 8 & 20 p. c. per ton.....	12.00	"
Unground tankage, 7 & 30 p. c. per ton.....	10.00	"
Unground tankage, 6 & 35 p. c. per ton.....	10.00	"
Bone meal, per ton.....	18.00	"
Bones, rough, "packers".....	16.50	"
Steamed bone meal per ton.....	15.50	"
Ground tankage, \$1 per ton extra.....		"

HORNS, HOOFS AND BONES.

Horns No. 1.....	\$170 per ton 65-70 lbs. average
Horns.....	\$20.00 per ton
Round Shin Bones.....	\$47.00 " "
Flat Shin Bones.....	\$37.50 " "
Thigh Bones.....	\$90 per ton, 90-100 lbs. average

PACKERS' SUNDRIES.

Pork loins.....	6 a 6 1/4
Pocket Pieces.....	4
Tenderloins.....	12 1/2 a 13
Spare ribs.....	4
Trimming.....	3 1/4 a 3 1/2
Ham Trimmings.....	3 1/4 a 4
California Butts.....	4 1/4 a 4 1/2
Boston Butts.....	3 1/4 a 4
Tail Bones.....	2 1/2 a 3
Pigs' Tails.....	2
Hocks.....	3
Cheek Meat.....	3
Skinned Shoulders.....	4 1/4
Dry Salt Spare Ribs.....	

CHICAGO LIVE STOCK.

	Cattle.	Calves.	Hogs.	Sheep.
January 18.....	16,764	220	50,687	11,073
" 19.....	4,199	653	37,174	18,883
" 20.....	11,713	391	38,198	18,706
" 21.....	7,913	157	30,940	9,131
" 22.....	2,759	103	33,081	4,435
" 23.....	248	19	19,019	2,451

Total.....	43,516	1,473	209,239	61,679
Previous week.....	48,311	1,758	221,014	71,778
Same week, '96.....	50,036	1,938	129,435	52,452
" '95.....	48,900	1,760	126,474	56,490

Average weight of hogs, 252 lbs.; month ago, 250 lbs.; year ago, 231 lbs.; two years ago, 225 lbs.

CURING MATERIALS.

Sugar in New Orleans is quoted as follows:	
Pure open kettle.....	2 1/2 a 2 3/4
White, clarified.....	3 1/2
Plantation granulated.....	3 1/4

COOPERAGE.

Barrels.....	75c
Lard tierces.....	90 a 92 1/2

WANTED.--FOR SALE.--BUSINESS OPPORTUNITIES.

NOTICE.

Advertisements in this column to occupy one inch or less are inserted at the minimum rate of one dollar per insertion (one inch of eight lines or less). Fifteen cents per line for every additional line above eight lines.

POSITIONS WANTED.

PACKING HOUSE CHEMIST.

A thoroughly experienced Packing House Chemist who has had charge of the laboratory of one of the Leading Packing Houses in this country for over two years, desires to change his position. Bona-fide offers can be addressed,

K. C. W., Box 482,
THE NATIONAL PROVISIONER,
284 Pearl St., New York City.

IMPORTANT TO PACKERS AND MANUFACTURERS.

A gentleman who desires to make an extended trip through Europe next spring and who will visit the largest cities and principal ports would be pleased to make connections with some prominent houses for which he could do some business on his proposed trip. Address I. Z. I., Box 527, care of THE NATIONAL PROVISIONER, 284 Pearl street, New York.

CLERK WANTED.

One who understands weighing, packing and shipping of meats. State experience, and salary expected. Address "MANUFACTURER," Box 96, care THE NATIONAL PROVISIONER, 284-6 Pearl street, New York.

POSITION WANTED.

As lard refiner; fifteen years' experience; All references; expert work solicited and practical information furnished. Address "REFINER," 11 Rialto Building, Chicago.

POSITION WANTED.

By a first-class salesman. Large acquaintance with hotels, clubs, institutions, steamships, and with Washington, D. C., and Connecticut trade. Address "SALESMAN," care of THE NATIONAL PROVISIONER, New York City.

ST. LOUIS.

We desire for the city of St. Louis a representative who is known and respected in the packing trade, and who, if possible, has other occupation, so that he can take our business as a side line. THE NATIONAL PROVISIONER, 284-6 Pearl street, New York City.

WANTED.

First-class man to take agency, New York and vicinity, of a manufacturing concern making goods in demand by all packers and butchers. Address W. W. W., Box 21, care THE NATIONAL PROVISIONER, 284-6 Pearl street, New York City.

GLUE MANUFACTURERS WELCOME THE WEEKLY VISITS OF THE NATIONAL PROVISIONER BECAUSE OF ITS VALUABLE ARTICLES ON THAT SUBJECT.

SEE COUPON ON PAGE 31.

HELP WANTED.

PORK AND BEEF PACKING.

We want a man thoroughly familiar with pork and beef packing, slaughtering and manufacture of by-products, sufficiently literate and educated to write or furnish valuable articles on these subjects.

THE NATIONAL PROVISIONER,
284-286 Pearl St., New York.

SIDE LINE.

Salesman visiting butchers, grocers and general stores can carry a very profitable side line; pocket samples only. Address H. W. T. C., Box 111, care THE NATIONAL PROVISIONER, 284 Pearl street, New York.

BOOKKEEPER & CASHIER.

WANTED—A first-class, competent bookkeeper and cashier, either lady or gentleman, who has had experience in a first-class market; must have good reference; no beginners need apply. B. V. C., Box 119, care THE NATIONAL PROVISIONER, New York.

FIRST CLASS BUTCHER.

WANTED—A first-class, competent butcher as foreman in a very elegant market out of the city, about half an hour away from New York; permanent situation, but must be a first-class man, with very good references, and must have experience; no beginners need apply. B. V. C., Box 120, care THE NATIONAL PROVISIONER, New York.

FOR RENT.

Only \$4 a day; new summer and winter house; capacity 700 hogs, 200 cattle, 100 sheep; live stock prices 40 cents under Chicago; shipping rate equal Chicago. Address "S," care of THE NATIONAL PROVISIONER.

FERTILIZER MACHINERY FOR SALE.

One No. 7, three-cylinder, Anderson dryer; two 48-inch Denmead bone mills and screen, elevator, pulleys, shafting, etc., for grinding fertilizer and bones; pipe machine; engine lathe; drill press, force, vacuum, air and well pumps; one small locomotive and three large, stationary, tubular boilers; hoisting engines and wire cables; scales; belting; light and medium "T"-rails, besides numerous other things. Write for list and prices. CINCINNATI DESICCATING CO., Cincinnati, O.

Soaking Casks For Sale.

For Sale.—About 50 Soaking Casks will be sold cheap. Apply or write to

International Provision Co.,
35 Degraw Street, BROOKLYN, N. Y.

PRESSES FOR SALE CHEAP.

Three Johnson Filter Presses, 36 Plates, 18 inches diameter, and
One Filter Press, 20 Plates, 18 inches square. Will stand 1,000 pounds to the square inch. Also
One No. 3 Oleo Press.

JOSEPH LISTER,
1158-1160 Elston Avenue, Chicago.

FOR SALE.

FOR SALE.

Two grocery stores, cheap, doing a business of \$40,000 annually. Reason for selling, parties going South. Address "GROCER," Box 16, care THE NATIONAL PROVISIONER, 284-6 Pearl street, New York.

FOR SALE.

One 25-Ton Boyle Ice Machine

With Corlies Engine. First Class Condition. Price Reasonable. For full particulars inquire of

THE L. HOSTER BREWING CO.,
COLUMBUS, OHIO.

OIL MILL AND ICE PLANT FOR SALE.

A well equipped cottonseed oil mill, 50 tons' capacity, situated in a leading commercial center in the South, consisting of one huller, four linters, rolls, four cookers and heaters, three 12-box Van Winkle presses and one 15-box press, one cake breaker, one buhr mill and one attrition mill. In addition to the foregoing there is also a first-class hydraulic pump, shafting, belting, etc., all new. Also a 60 H. P. steam engine, two 80 H. P. boilers, feed pump and feed water heater, together with receiving and settling tanks, etc. In addition to the foregoing there is also offered for sale on same premises, one 35-ton De La Vergne refrigerating machine, a complete 17-ton ice-making plant, including condensing and filtering apparatus, together with a 50-light dynamo, with 12 H. P. New York Safety Steam Power Co.'s engine; everything in first-class order and now being operated on a paying basis. A 50-barrel refinery is now being erected, which will add to the value of the oil mill very materially. For further particulars, address B. E. F., Box 17, THE NATIONAL PROVISIONER, 284 286 Pearl Street, New York; or 11 Rialto Building, Chicago.

FOR RENT.

A slaughter house on Johnson avenue, Brooklyn, complete for killing hogs or other live stock, for rent cheap. Apply for particulars at 195 Hamburg avenue, Brooklyn.

Live Stock and General Provision Agents,

EDWD. HEYMANS & SON, PARIS, France, 19 Rue Beranger.
(Est'd 1872.) Telegr., Heymansius (A B C Code.)

ICE MACHINES FOR SALE


For Sale.—Second Hand Refrigerating Machines with Engines: 3, 6 and 10 ton capacity.

Remington Machine Co.,
WILMINGTON, DEL.

The experts of our analytical laboratory are not only thoroughly familiar with any and every subject which may come up in a packing house, rendering works, oil mill, tannery, fertilizer, glue or soap factory, but their decisions are accepted as authoritative and their opinions are sought after in the most intricate cases.

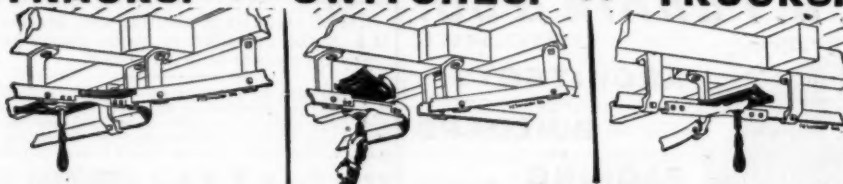
THE CONTINENTAL HOTEL
 IS THE ONLY FIRST CLASS HOTEL IN THE IMMEDIATE BUSINESS
 AND AMUSEMENT CENTER OF THE CITY CONDUCTED ON THE
AMERICAN PLAN AT \$2.00 PER DAY
 STEAM HEAT, PASSENGER ELEVATOR
 AND OTHER MODERN CONVENIENCES.
TABLE AND SERVICE THE BEST
 ROOMS NEWLY AND NEATLY FURNISHED. THE NEXT TIME YOU ARE IN CHICAGO TRY
 THE CONTINENTAL, YOU WILL FIND IT HOMELIKE AND COMFORTABLE.

CHAS. O. BLOOM PROPRIETOR



WABASH AVENUE AND MADISON STREET. CHICAGO, ILL.

TRACKS. ~ SWITCHES. ~ TRUCKS.



CORRESPONDENCE SOLICITED.
 REFER TO ALL FORMER CUSTOMERS.

J. DUNCAN & CO., 94 Blackstone St., Boston, Mass.

SEE COUPON ON PAGE 31.

16 oz. to 1 lb. Gold, Silver or Currency buys the
U. S. Standard
 Steel Frame & Royal Scale Rack



Hundreds of specialties at less than wholesale prices, viz:
 Sewing Machines, Bicycles, Organs, Pianos, Elder Mills,
 Carriages, Cars, Buggies, Harness, Saws, Bone Mills,
 Letter Presses, Jack Screws, Trucks, Anvils, Hay Cutters,
 Press Stands, Feed Mills, Stumps, Drills, Road Plows,
 Lawn Mowers, Coffee Mills, Forges, Lathes, Dump Cars,
 Corn Shellers, Hand Carts, Engines, Tools, Wire Fences,
 Fanning Mills, Cows Bars, Bellows, Washers, Clothing &c.
 Hay, Stock, Elevator, Railroad, Platform and Counter SCALES.
 Send for free catalogue and see how to Save Money.
 161 S. Jefferson St. CHICAGO SCALE CO., Chicago, Ill.

GEORGE W. PRICE

has commenced this season's manufacture of

Hill's Celebrated Trenton Sausage.

PRICE'S PREPARED HAM, SAUSAGE,
 BOLOGNA, FRANKFURTS, SCRAPPLE
 AND BREAKFAST BACON.
 THIS SEASON'S FRESH PORK, SUGAR-
 CURED HAMS, BEEF TONGUES, BONE-
 LESS HAM, DRIED BEEF, LIVER
 PUDDINGS.

I am prepared to fill all orders promptly. No
 adulterations used in any of our products. Patron-
 age solicited.

GEO. W. PRICE,

Stalls 43 & 44, City Market, TRENTON, N. J.
 Factory, 22 & 28 Chambers Street.

HINTS TO PRACTICAL OIL MILLERS
 WITH REGARD TO PRESS ROOM AP-
 PLIANCES AND METHODS. ORDER
 THE BOOK NOW. BLANK CAN BE
 FOUND ON PAGE 21.

WHEN YOU GO TO
 GANSEVOORT
 MARKET CALL AT

GANSEVOORT BUTCHERS' SUPPLY CO.

For your...
 Butchers' Tools, Skewers, Lard Kettles,
 Presses, Stuffers, etc. Fixtures of all kinds.

Butchers' Blocks our Specialty.

HAMBURG-AMERICAN LINE

THE ONLY LINE maintaining a regular service
 to the European Continent with TWIN SCREW STEAM-
 ERS. New York-Plymouth (London)-Cherbourg, (Paris)-
 Hamburg Holding the record for fastest time on this
 route.

Columbia, Sept. 24, 7 a.m.	Normannia, Oct. 29, 10 a.m.
Normannia, Oct. 1, 10 a.m.	Aug. Victoria, Nov. 5, 7 a.m.
Aug. Victoria, Oct. 8, 7 a.m.	Fürst Bismarck, Nov. 12, 10 a.m.
Fürst Bismarck, Oct. 13, 10 a.m.	Normannia, Nov. 23, 10 a.m.

REGULAR SERVICE between NEW YORK
 and HAMBURG direct.

By new Twin Screw mail steamers and other steamers.

Patria, Sept. 19, 3.30 p.m.	Palatia, Oct. 24, 8 a.m.
Prussia, Sept. 26, 10 a.m.	Patria, Oct. 31, 12 noon.
Phoenicia, Oct. 3, 2 p.m.	Prussia, Nov. 7, 9 a.m.
Persia, Oct. 10, 9.30 a.m.	Phoenicia, Nov. 14, 1.30 p.m.
Armenia, Oct. 17, 2.30 p.m.	

BALTIC LINE Direct Service between
 NEW YORK AND STETTIN.

Georgia, Sept. 19, 2 p.m.	Virginia, Nov. 21, 2 p.m.
Virginia, Oct. 3, 2 p.m.	Venetia, Dec. 5, 2 p.m.
Venetia, Oct. 17, 2 p.m.	Georgia, Dec. 26, 2 p.m.
Georgia, Nov. 7, 2 p.m.	Virginia, Jan. 9, '97, 2 p.m.

SPECIAL WINTER CRUISES To Orient, leaving
 New York, January 26th, 1897. To the West Indies, leaving New York on
 Thursday, February 11th, 1897. Special pamphlets, con-
 taining full description of these trips, will be sent upon
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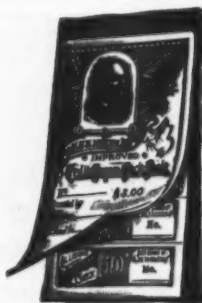
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Union Stock Yards Co., St. Joseph, Miss.
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Clairemont Abattoir Co., Baltimore.
Indianapolis Abattoir Co., Indianapolis, Ind.
Pittsburg & Allegheny Abattoir Co., Pittsburg, Pa.
Rodeo Stock Yards Co., San Francisco, Cal. (2 houses).
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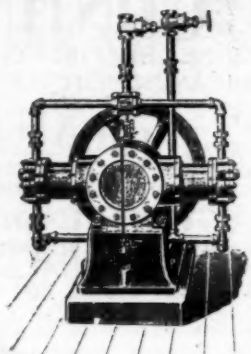
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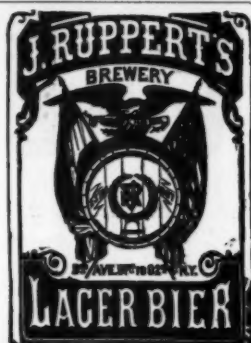
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BUTCHERS.

The following Mortgages on Butchers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, January 23, 1897. They are a reprint of our Advance Sheet, sent out to houses on January 23, who subscribe to same.

NEW YORK CITY.

Back Bros., 978 So. Boulevard; to I. Seaburn	300
Buchler, Marie, 823 10th Ave.; to J. Gscheidle	200
Cushman, Albert, 3341 3d Ave.; to J. Maher (Fish Market)	50
Enterprise Cold Storage Co.; to J. J. O'Donohue	5,000
Enterprise Cold Storage Co.; to J. J. O'Donohue	(Secures Rent)
Garduhun, Mary, 147 Brook Ave.; to E. Marscheider	44
Guggenheim, Meier, 1949 3d Ave.; to J. Levy	100
Haas, Emil, 264 9th Ave.; to F. Greenbaum	450
Levy, Isaac, 41 Lewis; to S. Zorn	50
Schoenfeld, Leopold, 265 Livingston; to M. Friedman	200
Schrader, Christian, 530 E. 14th; to R. Flettner	93
Snyder, N. H., 231 Fulton; to T. F. Smith	300
Tomkin, Abraham, 2335 1st Ave.; to H. Brand	100
Wernnach, Willi, 421 E. 73d; to Dummerauf & Wicke	45
Bills of Sale.	
Gretsinger, Gus, 149 Cherry; to E. Dorgan	30
Heesemann, Geo., 1006 6th Ave.; to Emma Heesemann	1,000
Hana, Marx, 1742 Madison Ave.; to A. Seh	300

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Paper Bags, Twines, Butter Dishes and Boxes of every description.
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Near Clason Ave., BROOKLYN, N. Y.
Short Distance from Wallabout Market.

GROCERS.

The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, January 23, 1897. They are a reprint of our Advance Sheet, sent out to houses on January 23, who subscribe to same.

NEW YORK CITY.

Fife & Petty, 1161 to 1175 Broadway; to J. J. Mathews (Hotel)	\$16,000
Guiseppe Farconite, 116 Mott; to A. Bianco	32
Pessesin, J. S., Restaurant Fixtures at 972 Lexington Ave., and Furniture at 76 3d Ave.; to American L. Co.	100
Rootbach, Jacob, 92 Sheriff; to I. Teplitzky	75
Ruckstuhl, 773 Courtland Ave.; to J. X. Baument Co.	93
Schneider, Pauline, 666 8th Ave; to B. Fischer & Co.	1,407
Schneider, Pauline, 666 8th Ave.; to B. Fischer & Co.	1,407
Sussmann, Paul, 1606 Avenue A; to A. Rehfeld	500
Bills of Sale.	
Dilopulo, G. G., 479 6th Ave.; to A. Moacad (Restaurant)	350
Deutsch & Schweitzer, 92 Prince; to A. Deutsch (Restaurant)	600
Grossarth, Meta A., 960 Boston Rd.; to F. Von Delsten	525
Klapper, A. H.; to C. Hartwright	200
Moacad, Abraham, 479 6th Ave. and 101 W. 27th; to N. J. Arbeely (Restaurant)	500

KINGS COUNTY.

Dewsnap, J., Jr., Fulton Market, New York; to A. G. Cheseboro	\$302
Siems, A., 434 Graham Ave.; to J. Schnyder	900
Tenneberg, Anna E., 1063 Myrtle Ave.; to Eliz. Tenneberg	Nom.
Warshawsky, I., 9 Bergen; to Silberman & Kaufman	42
Bills of Sale.	
Dowell, J. H., 708 5th Ave.; to Lena Dowell (Hotel)	Nom.
Maresca, S., 627 4th Ave.; to Mary J. Maresca	125
Schoonmaker, W. J., 451 Madison; to Ella J. Schoonmaker (Teas, etc.)	Nom.

HUDSON COUNTY.

Marion, Daniel; to A. Douglas	500
Bills of Sale.	
S. H. Goldsmith & Son (See Butchers).	

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WANT AND FOR SALE ADS can be found on Page 46.



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